



## **Validation of Reporting Year 2015 Kentucky Medicaid Managed Care Performance Measures**

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The Commonwealth of Kentucky  
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## Background and Introduction

A goal of the Medicaid program is to improve the health status of Medicaid recipients. Statewide health care outcomes, health indicators and goals have been designed by the Kentucky Department of Medicaid Services (DMS). Federal Medicaid Managed Care regulations, 438.240 (C)(1) and (C)(2) Performance Measurement, require that the Medicaid managed care organizations (MCOs) measure and report to the State its performance, using standard measures required by the State and/or submit to the State data that enables the State to measure the MCOs' performance. As a result, a requirement of the Kentucky Medicaid MCO contract is the annual reporting of performance measures (PMs). These PMs, selected by DMS, include both the Healthcare Effectiveness Data and Information Set (HEDIS®)<sup>1</sup> and State-specific PMs which are based upon the Healthy Kentuckians 2010 and Healthy Kentuckians 2020 goals and health care priorities identified by DMS. Together, the measures address the access to, timeliness of, and quality of care provided for children, adolescents and adults enrolled in Managed Care with a focus on preventive care, health screenings, prenatal care, as well as special populations (e.g., adults with hypertension, children with special health care needs [CSHCN]).

During calendar year (CY) 2014, under contract to the DMS, five MCOs provided services to Medicaid recipients in Kentucky: Anthem BlueCross Blue Shield Medicaid, CoventryCares of Kentucky, Humana-CareSource, Passport Health Plan and WellCare of Kentucky. The MCOs were accountable for all covered health services for their members, except long term care and waiver services. These services were carved out to Fee-for-Service (FFS) Medicaid.

As required by Federal Medicaid external quality review (EQR) regulations and requirements, under contract with DMS as the external quality review organization (EQRO), Island Peer Review Organization (IPRO) was tasked with validating the reliability and validity of the MCOs' reported PM rates. The purpose of the validation was to:

- § Evaluate the accuracy of the Medicaid PMs reported by the MCOs; and
- § Determine the extent to which the Medicaid-specific PMs calculated by the MCOs followed the specifications established by DMS.

This report summarizes the validation activities and findings for the PM rates for the measurement year (MY) 2014 reported by the MCOs in 2015. In addition, IPRO has included recommendations for reporting year (RY) 2016 and future PM sets.

The required measures are listed in Table 1 and Table 2.

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<sup>1</sup> HEDIS® is a registered trademark of the National Committee for Quality Assurance (NCQA).

**Table 1: Kentucky Medicaid Managed Care Performance Measures – RY 2015**

HEDIS® Performance Measures
<b>HEDIS® Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents<sup>2</sup></b> The percentage of members 3–17 years of age who had an outpatient visit with a primary care practitioner (PCP) or OB/GYN and who had evidence of BMI percentile documentation, counseling for nutrition and counseling for physical activity during the measurement year.
<b>HEDIS® Adult BMI Assessment</b> The percentage of members 18–74 years of age who had an outpatient visit and who had their body mass index (BMI) documented during the measurement year or the year prior to the measurement year. <sup>3</sup>
<b>HEDIS® Controlling High Blood Pressure</b> The percentage of members 18–85 years of age who had a diagnosis of hypertension (HTN) and whose blood pressure (BP) was adequately controlled during the measurement year (ages 18-59: <140/90; ages 60-85 without diabetes: < 140/90; ages 60-85 with diabetes < 150/90).
<b>HEDIS® Annual Dental Visit</b> The percentage of members 2–21 years of age who had at least one dental visit during the measurement year.
<b>HEDIS® Lead Screening in Children</b> The percentage of children 2 years of age who had one or more capillary or venous lead blood tests for lead poisoning by their second birthday.
<b>HEDIS® Well-Child Visits in the First 15 Months of Life</b> The percentage of members who turned 15 months old during the measurement year and who had six or more well-child visits with a PCP during their first 15 months of life.
<b>HEDIS® Well-Child Visits in the Third, Fourth, Fifth and Sixth Years of Life</b> The percentage of members 3–6 years of age who had one or more well-child visits with a PCP during the measurement year.
<b>HEDIS® Adolescent Well-Care Visits</b> The percentage of enrolled members 12–21 years of age who had at least one comprehensive well-care visit with a PCP or an OB/GYN practitioner during the measurement year.
<b>HEDIS® Children's and Adolescents' Access to Primary Care Practitioners</b> The percentage of members 12 months–19 years of age who had a visit with a PCP. The organization reports four separate percentages: § Children 12–24 months and 25 months–6 years who had a visit with a PCP during the measurement year. § Children 7–11 years and adolescents 12–19 years who had a visit with a PCP during the measurement year or the year prior to the measurement year.

<sup>2</sup> See the related Kentucky-specific measure: Height and Weight Documented; Appropriate Weight for Height

<sup>3</sup> See the related Kentucky-specific measures: Counseling for Nutrition and Physical Activity for Adults and Height and Weight Documented; Appropriate Weight for Height

**Table 2: Kentucky-Specific Performance Measures – RY 2015**

Kentucky-Specific Performance Measures <sup>4</sup>
<p><b>Prenatal and Postpartum Risk Assessment and Education/Counseling</b>  The percentage of pregnant members who delivered between November 6 of the year prior to the measurement year and November 5 of the measurement year who had a prenatal/postpartum visit and received the following prenatal/postpartum services:</p> <ul style="list-style-type: none"> <li>§ Tobacco use screening, positive screening for tobacco use, intervention for positive tobacco use screening;</li> <li>§ Alcohol use screening, positive screening for alcohol use, intervention for positive alcohol use screening;</li> <li>§ Drug use screening, positive screening for drug use, intervention for positive drug use screening;</li> <li>§ Education/counseling for OTC/prescription medication use;</li> <li>§ Education/counseling for nutrition;</li> <li>§ Screening for depression; and</li> <li>§ Screening for domestic violence</li> </ul> <p>During the first two prenatal visits or the first two prenatal visits after enrollment in the MCO.</p> <ul style="list-style-type: none"> <li>§ Screening for postpartum depression during the postpartum visit.</li> </ul> <p>(Note: these are reported as fourteen separate numerators)</p>
<p><b>Cholesterol Screening for Adults</b>  The percentage of male members age &gt; 35 years and female members age &gt; 45 years who had an outpatient office visit during the measurement year and appropriate LDL-C/cholesterol screening documented during the measurement year or the four years prior.</p>
<p><b>Height and Weight Documented; Appropriate Weight for Height for Adults</b>  The percentage of members 18–74 years of age who had an outpatient visit and who had their height and weight documented and appropriate weight for height during the measurement year or the year prior to the measurement year.</p> <p>(Note: these are reported as two separate numerators and are for reporting purposes only; achievement of improvement is not assessed.)</p>
<p><b>Counseling for Nutrition and Physical Activity for Adults</b>  The percentage of members 18–74 years of age who had an outpatient visit and who had counseling for nutrition and physical activity.</p> <p>(Note: these are reported as two separate numerators)</p>
<p><b>Height and Weight Documented and Appropriate Weight for Height for Children and Adolescents</b>  The percentage of members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had height and weight documented and appropriate weight for height.</p> <p>(Note: these are reported as two separate numerators and are for reporting purposes only; achievement of improvement is not assessed.)</p>
<p><b>Adolescent Preventive Screening/Counseling</b>  The percentage of adolescents 12–17 years of age who had at least one outpatient visit with a PCP or OB/GYN during the measurement year and had preventive screening/counseling for: tobacco use; alcohol/substance use; and sexual activity and screening/assessment for depression.</p> <p>(Note: these are reported as four separate numerators.)</p>
<p><b>Individuals with Special Health Care Needs (ISHCN) Access to Preventive Care</b>  The percentage of child and adolescent members, ages 12 months through 19 years, in the SSI and Foster categories of aid or who received services from the Commission for Children with Special Health Care Needs, who received the specified services as defined in the HEDIS® specifications.</p> <p><u>Access to Care:</u></p> <ul style="list-style-type: none"> <li>§ Children’s and Adolescents’ Access to Primary Care Practitioners</li> </ul> <p><u>Preventive Care Visits:</u></p> <ul style="list-style-type: none"> <li>§ Well-Child Visits in the First 15 Months of Life</li> <li>§ Well-Child Visits in the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> Years of Life</li> <li>§ Adolescent Well-Care Visits</li> </ul>

<sup>4</sup> Copies of the full specifications for each of the Kentucky-specific PMs are available by request.

## Kentucky-Specific Performance Measures<sup>4</sup>

### § Annual Dental Visit (Ages 2–21)

#### CMS-416 EPSDT Dental Services

- § Any Dental Services
- § Preventive Dental Services
- § Dental Treatment Services
- § Sealant on a Permanent Molar Tooth
- § Diagnostic Dental Services
- § Oral Health Services Provided by a Non-Dentist Provider
- § Any Dental or Oral Health Service

## Methodology

In the protocol, *Validating Performance Measures: A protocol for use in conducting Medicaid External Quality Review Activities* (updated 2012), the Centers for Medicare and Medicaid Services (CMS) specifies the activities to be undertaken by an EQRO for purposes of validating MCO-reported PMs. The activities defined in the protocol include assessment of:

- § The structure and integrity of the MCO's underlying information system (IS);
- § MCO ability to collect valid data from various internal and external sources;
- § Vendor (or subcontractor) data and processes, and the relationship of these data sources to those of the MCO;
- § MCO ability to integrate different types of information from varied data sources (e.g., member enrollment data, claims data, pharmacy data, vendor data) into a data repository or set of consolidated files for use in calculating PMs; and
- § Documentation of the MCO's processes to: collect appropriate and accurate data, manipulate the data through programmed queries, internally validate results of the operations performed on the data sets, follow specified procedures for calculating the specified PMs, and report the measures appropriately.

While the protocol provides methods of evaluation, tools and worksheets, and activities to be performed, it also specifies that other mechanisms and methods of assessment may be used, as long as they are consistent with the protocol objectives and outcomes.

Note that several of the PMs are adopted from HEDIS®, including: *Adult BMI Assessment, Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents, Controlling High Blood Pressure, Annual Dental Visit, Lead Screening for Children, Well-Child Visits in the First 15 months of Life, Well-Child Visits in the Third, Fourth, Fifth, and Sixth Years of Life, Adolescent Well-Care Visits, and Children's and Adolescents' Access to PCPs*. These measures were independently audited by National Committee for Quality Assurance (NCQA)-licensed audit organizations as part of the MCOs' annual HEDIS® Compliance Audits™<sup>5</sup>. Therefore, in accordance with the CMS EQRO provisions for non-duplication of activities, IPRO did not specifically address those measures in its validation process. Rather, the focus was on validating the State-specific measures.

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<sup>5</sup> HEDIS® Compliance Audit™ is a registered trademark of the National Committee for Quality Assurance (NCQA).

## Validation Activities

IPRO conducted validation activities consistent with the CMS protocols.

### Data and Information Request

IPRO requested and received from the MCOs the following documentation related to PM calculation:

- § Data and field definitions;
- § Documentation of the steps taken to:
  - Integrate the data into the health outcome measure data set,
  - Query the data to identify denominators, generate samples, and apply the proper algorithms to the data in order to produce valid and reliable PMs, and
  - Conduct statistical testing of results;
- § Procedures used to determine the measure denominators from the HEDIS® denominator base, and how any additional criterion were applied (where applicable);
- § Documentation of the qualifications, training, and inter-rater reliability testing for medical record abstraction staff;
- § All data abstraction tools and associated materials;
- § Data entry and data verification processes;
- § List of members identified to have numerator positive findings (for sample selection for MRR and administrative validation);
- § HEDIS® Interactive Data Submission System (IDSS), Medicaid Product Line, 2015;
- § HEDIS® Compliance Audit™ Final Audit Report, Medicaid Product Line, 2015;
- § Table of measures including measure/numerator name, denominator value, numerator value and rate (Performance Measure Reporting Template as part of the MCO request for documentation). This attachment is not part of this report.

IPRO reviewed the documentation and verified that prior recommendations were implemented and that other processes were methodologically sound.

### Information Systems Capabilities Assessment

In accordance with standards for non-duplication of activities, CMS protocols specify that in lieu of conducting a full onsite IS assessment, the State/EQRO may review a recent assessment of the MCO's IS conducted by another party. IPRO continues to conduct encounter data validation activities annually as a part of the EQR compliance review and optional activities, including member-level data validation between MCO data and the encounter data warehouse. In addition, a full IS assessment is conducted annually as part of the MCOs' annual HEDIS® Compliance Audits. Therefore, the results of the MCOs' HEDIS® audits, as well as the ongoing encounter data validation activities, were used to provide information for this validation.

The MCOs' HEDIS® 2015 *Final Audit Report for the Medicaid Product Line* was reviewed to determine compliance with HEDIS® IS standards, including:

- § Sound coding methods for medical data: use of industry standard codes; capture of principal and secondary codes; and mapping of non-standard codes where applicable.
- § Data capture, transfer and entry of medical and service data: use of standard claims submission forms; capture of fields relevant for reporting; effective and efficient data receipt and entry; electronic transmission procedures conform to industry standards; assessment of data completeness by the MCO and monitoring of vendors, where applicable.
- § Data capture, transfer, and entry of membership data: procedures for ensuring accurate, complete, and timely entry of membership data; effective, efficient, timely and accurate data entry; accurate transmission of electronic membership data; assessment of data completeness by the MCO; and monitoring of vendor performance, where applicable.
- § Data capture, transfer and entry of practitioner data: documentation of provider specialties; procedures for ensuring accurate, timely, and complete entry of practitioner data; accurate transmission of electronic practitioner data; assessment of data completeness by the MCO; and monitoring of vendor performance, where applicable.

- § Medical record review processes: forms capture fields relevant to HEDIS® reporting; abstraction from medical records is reliably and accurately performed; data entry processes are timely and accurate; sufficient edit checks are incorporated; and assessment of data completeness by the MCO.
- § Supplemental data: non-standard coding schemes are fully documented and mapped; data entry procedures are effective and electronic transmissions of data undergo checking procedures; data entry processes are timely and accurate; assessment of data completeness by the MCO; and monitoring of vendor performance, where applicable.
- § Data integration required to meet the demands of accurate reporting: accurate data transfers to reporting repository; accurate file consolidations, extracts, and derivations; suitable repository structure and formatting to enable required programming efforts; report production is managed effectively; HEDIS® reporting software is managed effectively; and physical control procedures ensure data integrity.

## Denominator Validation

Some of the PM denominators are derived utilizing the HEDIS® measure specifications. Others are derived using specifications created by the EQRO, based on criteria that are the same as or similar to HEDIS®. Once the final sample of members is identified for the hybrid measures, the MCOs prepare abstraction forms and instructions for data collection from medical records.

In addition to the EQRO Validation Activities, the identification of the eligible population, sampling, and denominator selection, as well as the medical record review processes for the HEDIS® measures, were independently audited by an NCQA-licensed audit organization as part of the annual HEDIS® audit.

The HEDIS® 2015 *Final Audit Reports* were reviewed to determine if the MCOs were compliant with HEDIS® standards for denominator creation, including:

- § Denominator Identification: Eligible populations were properly identified by product and product line, based on use of certified software, or review of source code for measures outside of certification. Members were correctly categorized into subgroups and continuous enrollment criteria were properly applied. Medical and service events were accurately considered according to HEDIS®-eligible population specifications.
- § Sampling: Samples were drawn using a systematic sampling method as specified in the HEDIS® technical specifications either through use of certified software or review of MCO-created programs.

For some State-specific PMs, additional criteria (e.g., a PCP visit during the measurement year) are applied to identify the measure denominators. The EQRO reviewed the MCOs' processes to evaluate whether the denominators were defined as prescribed by the specifications.

## Data Collection Validation

A medical record review (MRR) validation is conducted to ensure that medical record abstraction performed by the MCOs meets the measure specifications and that the abstracted medical record data is accurate. In the case of HEDIS® hybrid measures, the HEDIS® compliance auditor conducted an assessment of the medical record review process and validation. IPRO's MRR validation process focused on the State-specific PMs and included review of medical record abstraction tools and instructions, as well as validation of medical record abstraction findings for a sample of records that the MCOs identified as having numerator positive events.

## Medical Record Tools and Instructions and Processes Review

The medical record tools and instructions are reviewed for inclusion of general documentation, numerator requirements and exclusion criteria based on measure specifications. In addition, the reviewer qualifications and processes for training and quality monitoring as well as the monitoring results were reviewed.

## Medical Record Review Validation

According to CMS protocols, as part of the PM validation, IPRO conducts an MRR validation for State-specific measures. The goal of the MRR validation is to determine whether the MCOs made any medical record abstraction errors that may have significantly biased the final reported rates. The maximum amount of bias allowed for the final rate to be considered reportable is +/- five (5) percentage points.

The MRR validation consisted of a review of a random sample of up to fifteen (15) numerator positive events for five (5) numerators from two (2) measures. The numerators selected for MRR validation included: *Counseling for Nutrition and Physical Activity for Adults* and *Prenatal and Postpartum Risk Assessment and Education/Counseling: Tobacco Screening, Positive Tobacco Use*, and *Intervention for Tobacco Use* numerators.

If the MCO does not pass the validation on the initial review, the preliminary findings for each measure, with case specific results, are provided to the MCOs for review and response. The MCO is permitted to submit additional documentation and/or clarification of the existing documentation and this is reviewed by IPRO. The final findings are tabulated and assessed for material bias.

### Administrative Record Review

In addition to the medical record review validation, IPRO selected fifteen (15) records from the members receiving *Any Dental Services* from the *CMS-416 Annual Early and Periodic Screening, Diagnostic, and Treatment (EPSDT) Participation Report* for administrative validation. The MCOs were asked to submit evidence for the denominator and numerator components of the measure, e.g., member name, date of birth, enrollment; category of aid; provider participation; and claim for the numerator service.

### Numerator Validation

For the State-specific measures, IPRO conducted numerator validation. This was accomplished by a review of the member-level data and confirmation the MCOs followed the specifications for numerator calculation including:

- § Qualifying medical and service events are evaluated correctly in terms of time and services;
- § Claims/encounter, membership, practitioner and vendor data are analyzed properly in assessing numerator qualifications;
- § Rate calculations (member-level) are arithmetically correct and are made with acceptable levels of precision; and
- § Data and processes used to collect, calculate and report measures are completely and accurately documented.

## Summary of Validation Findings

This section summarizes the validation findings. The MCO-specific validation findings can be found in Appendices A, B, C, D, and E.

### Information Systems Capabilities Assessment

IPRO reviewed each of the five (5) MCOs' HEDIS® 2015 Final Audit Reports (FAR) to determine compliance with IS standards. The final audit reports revealed that all MCOs met all IS standards.

### Denominator Validation

The MCOs' processes for determining the denominators for the applicable State-specific PMs were evaluated to ensure that the additional criterion of a PCP visit during the measurement year was applied, where applicable.

All five (5) MCOs defined the denominator(s) as prescribed by the specifications.

### Data Collection Validation

#### Medical Record Tools and Instructions and Processes Review

IPRO reviewed the MCOs' medical record reviewer qualifications/experience, tools, instructions and processes for each of the five (5) MCOs – Anthem Blue Cross Blue Shield Medicaid, CoventryCares of Kentucky, Humana-CareSource, Passport Health Plan and WellCare of Kentucky.

Four of the five (4 of 5) MCOs submitted documentation for Kentucky-specific medical record processes. Anthem did not provide Kentucky-specific tools and instructions. The MCOs' documentation confirmed that the reviewers were well-qualified. Reviewers were comprised of Registered Nurses (RNs), Licensed Practical Nurses (LPNs), Registered Health Information Administrators (RHIA)s and other medical abstraction professionals and were experienced in medical record review for HEDIS®/performance measures. One (1) of the MCOs did not specify the type and credentials of the reviewer pool staff. However, the MCO's policy stated that clinical or non-clinical staff may be used to abstract data, as long as s/he has successfully achieved the expected thresholds.

Training materials generally consisted of an introduction to HEDIS® performance measurement; measure technical specifications and the medical record abstraction tools and accompanying instructions; instructions on use of database tools/data entry; "tip sheets" and reference materials. For three of four (3 of 4) MCOs, the training materials were provided by a vendor. Anthem provided only HEDIS® abstraction tools, which were from a vendor.

The training sessions were comprised of an introduction to HEDIS®/performance measurement; review of specifications; walkthrough of abstraction tools and measure-specific instructions; discussion of sample medical records; training on tool use/data entry; practice review of medical records and testing for proficiency. For three of four (3 of 4) MCOs, the training sessions were provided by a vendor. Anthem did not submit any training materials.

IPRO reviewed the processes for quality monitoring of record abstractions and the monitoring results for four (4) of the (5) MCOs that submitted the documentation. Each of the MCOs provided training manuals/materials, policies for internal quality control (IQC)/inter-rater reliability (IRR). The standard for proficiency in abstraction was 95% for three (3) MCOs and Pass/Fail for one (1) MCO. For the three (3) MCOs that used numeric scoring, quality monitoring results ranged from 95% to 100%. There was evidence that in instances where an abstractor scored less than 95% or fail, the abstractor was retrained and retested. If the abstractor did not pass the re-testing, they were not assigned to abstract records for the affected measure(s) or removed from the project, as necessary.

IPRO reviewed each of the MCO's medical record tools and instructions for inclusion of general documentation, numerator requirements and exclusion criteria based on measure specifications. Specific findings for each of the MCOs for each of the measures appear in the appendices. It is important to note that, since all MCOs passed the medical record validation, the findings did not impact the validity and reliability of the abstracted data.

## Medical Record Review Validation

IPro conducted a medical record review validation (MRR validation) for Kentucky-specific measures. As previously stated, the purpose of the MRR validation is to determine whether the MCOs made any medical record abstraction errors that could significantly bias the final reported rates.

The MRR validation encompassed a validation review of a random sample of fifteen (15) records for members identified numerator positive events by the MCOs' medical record abstraction.

The numerators selected for MRR validation included:

- § Adult Counseling for Nutrition
- § Adult Counseling for Physical Activity
- § Prenatal and Postpartum Risk Assessment and Education/Counseling: Screening for Tobacco Use, Positive Tobacco Use and Intervention for Positive Tobacco Use

Four of the five (4 of 5) MCOs passed the medical record validation on the initial review. For one (1) MCO, preliminary findings were provided. The MCO was given the opportunity to submit additional documentation or clarify the documentation previously submitted. IPro reviewed the additional documentation and made a final validation determination for each record. The MCO passed the validation. The final medical record validation results for each MCO were assessed for material bias if < 100% passed validation. The maximum amount of bias allowed for the final rate to be considered reportable was +/- five (5) percentage points. The combined findings for the five (5) MCOs for each of the selected numerators are described below.

### *Adult Counseling for Nutrition*

All four (4) MCOs that reported this measure passed the medical record validation. Anthem did not report this measure in 2015 due to lack of an adequate eligible member population.

### *Adult Counseling for Physical Activity*

All four (4) MCOs that reported this measure passed the medical record validation. Anthem did not report this measure in 2015 due to lack of an adequate eligible member population.

### *Prenatal and Postpartum Risk Assessment and Education/Counseling for Tobacco Use*

All five (5) MCOs passed the medical record validation for this measure.

## Administrative Record Review

IPro conducted an administrative validation for twenty (20) records for the CMS-416 EPSDT Dental Services measure. The MCOs were asked to submit evidence for the denominator and numerator components of the measure:

- § Member name and ID number,
- § Member date of birth consistent with the measure requirements for age,
- § Member enrollment during the measurement period, and
- § Claim for the numerator service with a date within the measurement period.

Four of the five MCOs passed the administrative record review validation. One MCO failed the validation for numerous reasons such as claims outside the time period and unidentifiable enrollment gaps. One MCO that passed the validation had one record fail. The MCO's crosswalk file contained a proper CDT code however, the service was not provided by a dental provider. The MCO was asked to evaluate the full data set and found that the error only impacted a very small percentage that did not bias the findings. They will correct this for the next reporting period.

## Measure Rates and Reporting Designations

Table 3 displays the PM rates for each of the five (5) MCOs and the weighted average rate for all MCOs reporting for MY 2014 for each of the State-specific PMs. If an MCO was not able to report a measure due to the lack of eligible population, "N/A" (not applicable) appears in the table.

The statewide average rates for the hybrid measures are weighted averages, calculated by weighting each of the MCOs' rates based on the size of the eligible population. The rate for an MCO with a larger population (i.e., more eligible members) contributes more to the statewide average. The statewide average rates for the administrative measures are true averages, calculated by adding each MCO's denominator and numerator and dividing to obtain the rate. If one or more MCOs were not able to report the measure (designation "N/A" or "NR"), the data for the MCOs that did report were used. Rates are not generally reported if an MCO has a denominator < 30. If one (1) or more MCOs had a denominator of < 30 for a measure, the data (numerator and denominator) were included in the calculation.

Discussion of each MCO's individual performance is presented in the Appendices.

General observations of performance at the aggregate level (average rates for all MCOs) include:

- § Performance was very good for documentation of height and weight for both children & adolescents and adults, with rates above 75% for both.
- § Only (approximately) 24% of adults and 39% of children and adolescents had a healthy weight for height reported. This measure is currently for reporting purposes only; MCOs are not held accountable for improvement.
- § The rates for the related measures, counseling for nutrition and physical activity for adults, were quite low at approximately 30%.
- § The rate for cholesterol screening for adults was fair, at 58.71%.
- § Adolescent screening and counseling rates ranged from a low of 34.32% (screening/counseling for sexual activity) to a high of 61.35% (screening/counseling for tobacco), with screening/counseling for alcohol/substance use and depression falling in between (44.54% and 36.76%, respectively).
- § For screening and counseling during the perinatal period, screening for tobacco was most often found (55.58%), followed by screening for alcohol use (51.88%) and substance use (49.54%).
  - Of the 312 (34.40%) women identified as tobacco users, only 61.25% had evidence of intervention.<sup>6</sup>
  - Of the 59 (8.06%) women identified as alcohol users, only 22.43% had evidence of intervention.
  - Of the 93 (10.68%) women identified as substance users, only 61.92% had evidence of intervention.
- § Prenatal assessment/counseling for nutrition was found in 31.37% of records and counseling for use of prescription and/or over-the-counter medications was reported 50.98% of the time.
- § There is a substantial opportunity for improvement in screenings for domestic violence and depression. Rates were 25.16% for prenatal domestic violence screening, 33.98% for prenatal depression screening, and slightly higher at 39.42% for postpartum depression screening.
- § Access to dental care for CSHCN, as indicated by the HEDIS® Annual Dental Visits measure, was fair for the total CSHCN population ages 2-21, at 59.22%, and ranged from a low of 52.84% for the SSI population to a high of 70.85% for the foster population.
- § Related to well-child visits for CSHCN, performance ranged from 71.17% for well-child visits for children 3–6 years of age to 45.24% for adolescent well-care visits.
- § As for access to care<sup>7</sup> for CSHCN, all rates exceeded 90%. The rate was highest for those 12–24 months of age (98.04%), followed by 7–11 years of age (94.72%), 25 months–6 years of age (92.98%) and 12–19 years of age (92.44%).
- § The rate for 6 or more well-visits in the first 15 months of life was 47.57%.

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<sup>6</sup> For purposes of the performance measure, intervention was defined as documentation of a claim code identifying cessation services or program/therapy or documentation in the medical record of in-person counseling/education or provision of cessation materials; referral for cessation counseling, quit line, or cessation program; or prescription for cessation medication (for tobacco use, alcohol use or substance use, as applicable).

<sup>7</sup> Access to care is defined as any visit with a PCP during the measurement year for those aged 12–24 months and 25 months–6 years and any PCP visit during the measurement year or year prior for those aged 7–11 years and 12–19 years.

§ The CMS-416 EPSDT dental services measures were reported for the first time in RY 2015. The rate for any dental services was 47.29% and the rate for preventive services was 40.13%. The rate for sealants on a permanent molar was very low, 5.02% and ranged from a low of 1.80% to a 5.49% among the five (5) MCOs.

**Table 3: State-Specific Performance Measure Rates – RY 2015**

Performance Measure Domain	Age Group	Admin/Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had their <u>height and weight</u> documented during the measurement year or the year prior to the measurement year.	N/A	90.05%	68.61%	66.42%	83.56%	79.51%
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had a <u>healthy weight for height</u> documented during the measurement year or the year prior to the measurement year (as identified by appropriate BMI).	N/A	22.62%	23.53%	25.17%	25.50%	24.41%
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for nutrition</u> documented during the measurement year or the year prior to the measurement year.	N/A	40.28%	20.68%	27.01%	33.79%	30.57%

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for physical activity</u> documented during the measurement year or the year prior to the measurement year.	N/A	41.67%	20.44%	25.55%	32.42%	30.00%
Preventive Care	Adult	A	Cholesterol Screening	The percentage of male enrollees age $\geq 35$ years and female enrollees age $\geq 45$ years who had an outpatient visit and had <u>LDL-C/cholesterol screening</u> in the measurement year or during the four years prior.	N/A	59.62%	44.70%	59.60%	72.56%	58.71%
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	N/A	93.47%	79.69%	73.23%	68.50%	77.46%

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	N/A	96.91%	70.97%	70.42%	72.46%	76.39%
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	N/A	94.70%	76.40%	72.26%	69.83%	76.98%
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	N/A	58.46%	29.13%	47.32%	32.64%	39.50%

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	N/A	53.50%	33.04%	38.61%	27.72%	38.94%
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	N/A	56.64%	30.50%	44.44%	30.95%	39.29%
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/ preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for tobacco</u> .	N/A	85.19%	47.74%	59.86%	62.33%	61.35%

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/ preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for alcohol/substances.</u>	N/A	72.84%	36.13%	52.11%	38.36%	44.54%
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/ preventive visit in measurement year with a PCP or OB/GYN and had <u>screening/counseling for sexual activity.</u>	N/A	61.73%	27.10%	50.70%	26.71%	34.32%
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/ preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening for depression</u> documented.	N/A	44.44%	27.10%	47.18%	40.41%	36.76%

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for tobacco use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	79.05%	75.39%	59.89%	44.91%	39.16%	55.58%
				The percentage of pregnant members who had <u>positive screening for tobacco use</u> .	46.99%	33.53%	34.93%	33.59%	35.54%	34.40%
				The percentage of pregnant members who had positive screening for tobacco use and received <u>intervention for tobacco use</u> .	51.28%	54.39%	67.12%	51.16%	55.81%	61.25%
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for alcohol use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	72.38%	72.51%	55.01%	40.00%	36.57%	51.88%

Performance Measure Domain	Age Group	Admin/Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
				The percentage of pregnant members who had <u>positive screening for alcohol use.</u>	6.58%	8.56%	8.33%	5.26%	3.54%	8.06%
				The percentage of pregnant members who were found positive for alcohol use and received <u>intervention for alcohol use.</u>	20.00%*	25.00%*	25.00%*	0.00%*	0.00%*	22.43%
Perinatal Care	N/A	H	Prenatal Screening/Counseling	The percentage of pregnant members who had evidence of <u>screening for substance/drug use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	76.19%	70.95%	53.30%	38.60%	32.69%	49.54%
				The percentage of pregnant members who had <u>positive screening for substance/drug use.</u>	21.25%	9.06%	11.29%	11.82%	12.87%	10.68%

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
				The percentage of pregnant members who were found positive for substance/drug use and received <u>intervention for drug/substance use.</u>	23.53%*	51.72%*	66.67%*	69.23%*	7.69%*	61.92%
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/counseling for nutrition</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	35.24%	39.69%	35.53%	29.12%	21.36%	31.37%
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/ counseling for OTC/ prescription medication</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	77.14%	88.47%	46.42%	33.68%	34.30%	50.98%

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for domestic violence</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	58.10%	25.28%	32.38%	17.89%	17.80%	25.16%
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for depression</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	60.95%	39.47%	40.69%	23.86%	24.27%	33.98%
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for depression during a postpartum visit</u> .	40.00%	60.52%	26.23%	49.53%	36.81%	39.42%
Children with Special Health Care Needs: Access to Care and Preventive Care Services										
Preventive Care	Child CSHCN	A	Annual Dental	The percentage of members 2–21 years of age who had <u>at least one dental visit</u> during the measurement year.						

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
				SSI Total (B, BP, D, DP, K, M)	0.00%*	57.27%	47.84%	41.40%	53.35%	52.84%
				SSI Blind (B, BP, K)	N/A	68.42%*	42.86%*	N/A	48.08%	50.51%
				SSI Disabled (D, DP, M)	N/A	57.23%	47.87%	41.40%	53.37%	52.85%
				Foster (P, S, X)	N/A	73.24%	67.94%	51.72%	71.77%	70.85%
				CCSHCN (provider type 22 and 23)	0.00%	66.37%	62.50%	N/A	69.64%	67.51%
				Total ADV (2–21 years)	0.00%	62.72%	54.97%	43.68%	60.09%	59.22%
Preventive Care	Child CSHCN Cohort	A	HEDIS® Well-Child Visits in the First 15 Months of Life (6+ Visits)	The percentage of members who turned 15 months old during the measurement year and who had <u>6 or more well-child visits</u> with a PCP during their first 15 months of life.						
				SSI Total (B, BP, D, DP, K, M)	N/A	38.64%	40.00%*	N/A	38.35%	38.62%
				SSI Blind (B, BP, K)	N/A	N/A	N/A	N/A	0.00%*	N/A
				SSI Disabled (D, DP, M)	N/A	38.64%	40.00%*	N/A	38.64%	38.78%
				Foster (P, S, X)	N/A	59.76%	60.00%	N/A	44.51%	53.03%
				CCSHCN (provider type 22 and 23)	N/A	80.00%*	100.00%*	N/A	46.77%	51.20%
				Total WC15mo	N/A	51.35%	70.59%	N/A	43.69%	47.57%
Preventive Care	Child CSHCN Cohort	A	HEDIS® Well-Child Visits in the 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> & 6 <sup>th</sup> Years of Life	The percentage of members 3–6 years of age who received <u>one or more well-child visits</u> with a PCP during the measurement year.						
				SSI Total (B, BP, D, DP, K, M)	N/A	76.87%	88.22%	58.97%	61.05%	69.33%
				SSI Blind (B, BP, K)	N/A	100.00%*	75.00%*	N/A	50.00%*	72.22%
				SSI Disabled (D, DP, M)	N/A	76.69%	88.37%	58.97%	61.11%	69.31%
				Foster (P, S, X)	N/A	73.69%	92.54%	81.82%	67.11%	74.04%

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
				CCSHCN (provider type 22 and 23)	N/A	72.65%	100.00%*	N/A	68.59%	70.23%
				Total WC34	N/A	75.28%	90.69%	65.77%	64.51%	71.17%
Preventive Care	Child CSHCN Cohort	A	HEDIS® Adolescent Well-Care	The percentage of enrolled members 12–21 years of age who had <u>at least one comprehensive well-care visit with a PCP or an OB/GYN practitioner during the measurement year.</u>						
				SSI Total (B, BP, D, DP, K, M)	0.00%*	51.24%	48.59%	37.28%	31.41%	40.26%
				SSI Blind (B, BP, K)	N/A	40.00%*	52.63%*	N/A	25.81%	36.67%
				SSI Disabled (D, DP, M)	N/A	51.28%	48.57%	37.28%	31.43%	40.28%
				Foster (P, S, X)	N/A	59.98%	69.68%	42.20%	51.78%	58.06%
				CCSHCN (provider type 22 and 23)	2.63%	56.72%	100.00%	N/A	44.22%	50.33%
				Total AWC	2.50%	53.88%	55.30%	38.34%	37.07%	45.24%
Preventive Care	Child CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12 months–19 years of age who had <u>a visit with a primary care practitioner (PCP).</u>						
Preventive Care	Child CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12–24 months of age who had <u>a visit with a primary care practitioner (PCP) during the measurement year.</u>						
				SSI Total (B, BP, D, DP, K, M)	N/A	98.18%	100.00%*	N/A	96.62%	97.24%
				SSI Blind (B, BP, K)	N/A	N/A	N/A	N/A	100.00%*	N/A
				SSI Disabled (D, DP, M)	N/A	98.18%	100.00%*	N/A	96.60%	97.23%
				Foster (P, S, X)	N/A	99.08%	92.31%*	N/A	99.52%	99.09%
				CCSHCN (provider type 22 and 23)	N/A	100.00%*	100.00%*	N/A	97.55%	97.73%
				Total CAP 12–24 months	N/A	98.73%	95.65%*	N/A	97.88%	98.04%

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
Preventive Care	Child CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 25 months–6 years of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year.						
				SSI Total (B, BP, D, DP, K, M)	N/A	92.79%	91.92%	83.87%	94.54%	93.34%
				SSI Blind (B, BP, K)	N/A	100.00%*	80.00%*	N/A	91.67%*	91.30%
				SSI Disabled (D, DP, M)	N/A	92.75%	92.06%	83.87%	94.56%	93.35%
				Foster (P, S, X)	N/A	88.77%	94.87%	91.30%	91.49%	91.29%
				CCHCN (provider type 22 and 23)	N/A	94.74%	96.00%*	N/A	95.99%	95.83%
				Total CAP 25 months–6 years	N/A	91.29%	93.49%	86.33%	93.92%	92.98%
Preventive Care	Child CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 7–11 years of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year, or the year prior.						
				SSI Total (B, BP, D, DP, K, M)	N/A	93.78%	97.09%	85.26%	96.18%	95.27%
				SSI Blind (B, BP, K)	N/A	50.00%*	100.00%*	N/A	100.00%*	92.86%
				SSI Disabled (D, DP, M)	N/A	93.85%	97.07%	85.26%	96.16%	95.28%
				Foster (P, S, X)	N/A	92.34%	93.53%	80.00%	93.33%	92.91%
				CCHCN (provider type 22 and 23)	N/A	95.30%	100.00%*	N/A	98.68%	97.80%
				Total CAP 7–11 years	N/A	93.46%	95.65%	84.35%	95.66%	94.72%
Preventive Care	Child CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12–19 years of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year, or the year prior.						
				SSI Total (B, BP, D, DP, K, M)	N/A	90.64%	95.04%	80.31%	93.98%	92.70%
				SSI Blind (B, BP, K)	N/A	75.00%*	75.00%*	N/A	95.00%*	86.11%

Performance Measure Domain	Age Group	Admin/ Hybrid	Measure Name	Measure Description	Anthem BCBS Medicaid	Passport Health Plan Rate	CoventryCares of Kentucky Rate	Humana-CareSource Rate	WellCare of Kentucky Rate	Weighted Average All MCOs
				SSI Disabled (D, DP, M)	N/A	90.69%	95.13%	80.31%	93.98%	92.72%
				Foster (P, S, X)	N/A	91.70%	90.79%	70.79%	92.20%	91.14%
				CCSHCN (provider type 22 and 23)	N/A	92.78%	100.00%	N/A	96.41%	95.66%
				Total CAP 12–19 years	N/A	91.04%	93.78%	78.26%	93.73%	92.44%
Utilization of Dental Services	Child	A	CMS-416 Dental Services	This performance measure assesses the percentage of members ages <21 years, 6-9 years and 10-14 years of age who <u>received the specified dental services</u> .						
				Any Dental Services	39.74%	45.72%	49.46%	32.03%	47.50%	47.29%
				Preventive Dental Services	5.53%	41.70%	38.90%	29.32%	42.08%	40.13%
				Dental Treatment Services	3.56%	17.50%	23.08%	12.14%	21.09%	20.72%
				Sealant on a Permanent Molar Tooth	1.80%	4.11%	5.12%	3.73%	5.49%	5.02%
				Diagnostic Dental Services	7.07%	47.16%	46.41%	30.47%	45.10%	45.22%
				Oral Health Services Provided by a Non-Dentist Provider	0.24%	N/A	4.71%	1.29%	1.97%	2.59%
				Any Dental or Oral Health Service	39.74%	46.66%	50.67%	39.26%	49.18%	48.84%

N/A: not applicable (plan did not have any eligible members for this rate); H: hybrid measure; A: administrative measure; RY: reporting year; NR: MCO did not report a rate; \*: caution should be used when interpreting these rates as the denominator is <30.

## Recommendations

Annually, DMS and IPRO review the PM set. This task involves choosing measures to retire, refining existing measure specifications and introducing new measures related to topics of interest to DMS. The guiding principles are to develop a PM set that is:

- § Clinically and methodologically valid;
- § Consistent with accepted clinical practice guidelines; and
- § Consistent with the DMS priorities for Medicaid program health outcomes.

Other important considerations include:

- § Assuring that measures are not duplicative (already obtained from current reporting requirements, e.g., HEDIS®, Consumer Assessment of Healthcare Providers and Systems (CAHPS®)<sup>8</sup>);
- § Assuring that measures provide actionable information; and
- § Developing measures that can be validly calculated using administrative data, if possible.

For RY 2015, the following changes were made to the measure set:

### PMs Retired in RY 2015:

- § No measures were formally retired.

### PM Specifications Refined in RY 2015:

- § All measures were updated, including dates, codes and per HEDIS® specifications, where applicable.
- § Specifications were clarified, where needed, based upon findings from the prior validation results and MCO feedback.

### PMs Continued in RY 2015:

#### HEDIS® Measures

- § *Well-Child Visits in the First 15 Months of Life (6 or more visits)*
- § *Well-Child Visits in the Third, Fourth, Fifth and Sixth Years of Life*
- § *Adolescent Well-Care Visits*
- § *Children's Access to PCPs – Ages 12–24 months, 25 months–6 years, 7–11 years, and 12–19 years*
- § *Annual Dental Visit*
- § *Lead Screening for Children*
- § *Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents*
- § *Adult BMI*
- § *Controlling High Blood Pressure*

#### Kentucky-Specific Measures

- § *Height and Weight Documented and Healthy Weight for Height for Adults*
- § *Counseling for Nutrition and Physical Activity for Adults*
- § *Adult Cholesterol Screening*
- § *Height and Weight Documented and Healthy Weight for Height for Children and Adolescents*
- § *Adolescent Preventive Screening and Counseling* (screening/counseling for tobacco use, alcohol/substance use, sexual activity and screening for depression)
- § *Prenatal and Postpartum Risk Assessment and Education/Counseling* (tobacco use screening/positive screening/intervention, alcohol use screening/positive screening/intervention, substance use screening/positive screening/intervention, nutrition education/counseling, OTC/prescription drug use education/counseling, screening for domestic violence, prenatal and postpartum screening for depression)
- § *CSHCN's Access to Care and Preventive Care Services*

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<sup>8</sup> CAHPS is a registered trademark of the U.S. Agency for Healthcare Research and Quality (AHRQ).

#### PMs Added in RY 2015:

Kentucky-Specific Measure: CMS-416 EPSDT Dental Services

- § *Any Dental Services*
- § *Preventive Dental Services*
- § *Dental Treatment Services*
- § *Sealant on a Permanent Molar Tooth*
- § *Diagnostic Dental Services*
- § *Oral Health Services Provided by a Non-Dentist Provider*
- § *Any Dental or Oral Health Service*

#### **Future Directions**

For RY 2016, each of the measures was reviewed, including MCO experiences and lessons learned from calculating the measures, the results of the PM validation findings and DMS priorities.

#### Refinement of Current Measures for RY 2016:

- § All measures were updated, including dates, codes and per HEDIS® specifications, where applicable.
- § Specifications for all measures were clarified based upon findings from the prior validation results and MCO feedback.

#### Development of New Measures for RY 2016:

- § At DMS's direction, a measure of adult tobacco screening and intervention was added.

#### Next Steps:

- § For future PM sets, IPRO plans to continue to evaluate performance measures for the adult population and/or the Adult and Child CHIPRA (Children's Health Insurance Program Reauthorization Act) core measure sets and propose measures for DMS consideration.

## References

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NCQA HEDIS® Interactive Data Submission System, WellCare Health Insurance of Illinois, Inc. dba WellCare of Kentucky, Inc. – Medicaid Product Line, June 2015.

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## Appendix A – Validation Findings for Anthem Blue Cross and Blue Shield Medicaid

### Medical Record Tools, Instructions and Processes

IPRO reviewed Anthem Blue Cross and Blue Shield Medicaid's medical record review tools and instructions. Key findings included:

- § The tools and instructions provided did not address the Kentucky-specific measures and numerators for prenatal and postpartum screening and counseling; screening and intervention for tobacco use, alcohol use, and substance use; assessment or counseling for over-the-counter and prescription medications; assessment or counseling for nutrition; screening for depression; screening for domestic violence; screening for postpartum depression.

It is important to note that, since Anthem Blue Cross and Blue Shield Medicaid passed the medical record validation, the findings did not impact the validity and reliability of the abstracted data.

### MRR Validation

The results were as follows:

*Prenatal and Postpartum Risk Assessment and Education/Counseling: Screening and Intervention for Tobacco Use (Prenatal)*

*Screening for Tobacco Use:* PASSED VALIDATION

15 of 15 records passed validation.

*Intervention for Tobacco Use:* PASSED VALIDATION

15 of 15 records passed validation.

Anthem did not report the *Adult BMI Assessment and Counseling for Nutrition and Physical Activity* in 2015 due to lack of an adequate eligible member population, since 2014 was the MCO's first year in operation.

### Performance Trends RY 2014 to RY 2015

No trends can be evaluated as this is the first reporting year for Anthem Blue Cross and Blue Shield Medicaid. Since 2014 was the MCO's first year in operation, Anthem Blue Cross and Blue Shield Medicaid was able to report a very limited number of measures.

**Table A1: Anthem Blue Cross and Blue Shield Medicaid – RY 2015 Performance Measure Rates**

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2015 Rate
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had their <u>height and weight</u> documented during the measurement year or the year prior to the measurement year.	N/A
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had a <u>healthy weight for height</u> documented during the measurement year or the year prior to the measurement year (as identified by appropriate BMI).	N/A
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for nutrition</u> documented during the measurement year or the year prior to the measurement year.	N/A

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2015 Rate
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for physical activity</u> documented during the measurement year or the year prior to the measurement year.	N/A
Preventive Care	Adult	A	Cholesterol Screening	The percentage of male enrollees age $\geq 35$ years and female enrollees age $\geq 45$ years who had an outpatient visit and had <u>LDL-C/cholesterol screening</u> in the measurement year or during the four years prior.	N/A
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	N/A
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	N/A
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	N/A
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	N/A
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	N/A
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	N/A
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/ preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for tobacco</u> .	N/A
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/ preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for alcohol/substances</u> .	N/A
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/ preventive visit in measurement year with a PCP or OB/GYN and had <u>screening/counseling for sexual activity</u> .	N/A
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/ preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening for depression</u> documented.	N/A

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2015 Rate
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for tobacco use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	79.05%
				The percentage of pregnant members who had <u>positive screening for tobacco use</u> .	46.99%
				The percentage of pregnant members who had positive screening for tobacco use and received <u>intervention for tobacco use</u> .	51.28%
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for alcohol use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	72.38%
				The percentage of pregnant members who had <u>positive screening for alcohol use</u> .	6.58%
				The percentage of pregnant members who were found positive for alcohol use and received <u>intervention for alcohol use</u> .	20.00%*
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for substance/drug use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	76.19%
				The percentage of pregnant members who had <u>positive screening for substance/drug use</u> .	21.25%
				The percentage of pregnant members who were found positive for substance/drug use and were provided <u>intervention for drug/substance use</u> .	23.53%*
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/counseling for nutrition</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	35.24%
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/counseling for OTC/prescription medication</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	77.14%
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for domestic violence</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	58.10%
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members year who had evidence of <u>screening for depression</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	60.95%

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2015 Rate
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for depression during a postpartum visit.</u>	40.00%
Children with Special Health Care Needs: Access to Care and Preventive Care Services					
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Annual Dental Visit	The percentage of members 2–21 years of age who had <u>at least one dental visit</u> during the measurement year.	
				SSI Total (B, BP, D, DP, K, M)	0.00%*
				SSI Blind (B, BP, K)	N/A
				SSI Disabled (D, DP, M)	N/A
				Foster (P,S, X)	N/A
				CCSHCN (provider type 22 and 23)	0.00%
				Total ADV (2–21 years)	0.00%
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Well-Child Visits in the First 15 Months of Life (6+ visits)	The percentage of members who turned 15 months old during the measurement year and who had <u>at least 6 well-child visits with a PCP</u> during their first 15 months of life.	
				SSI Total (B, BP, D, DP, K, M)	N/A
				SSI Blind (B, BP, K)	N/A
				SSI Disabled (D, DP, M)	N/A
				Foster (P,S, X)	N/A
				CCSHCN (provider type 22 and 23)	N/A
				Total WC15mo	N/A
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Well-Child Visits in the 3rd, 4th, 5th and 6th Years of Life	The percentage of members 3–6 years of age who received <u>one or more well-child visits with a PCP</u> during the measurement year.	
				SSI Total (B, BP, D, DP, K, M)	N/A
				SSI Blind (B, BP, K)	N/A
				SSI Disabled (D, DP, M)	N/A
				Foster (P,S, X)	N/A
				CCSHCN (provider type 22 and 23)	N/A
				Total WC34	N/A
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Adolescent Well-Care Visits	The percentage of enrolled members 12–21 years of age who had <u>at least one comprehensive well-care visit with a PCP or an OB/GYN practitioner</u> during the measurement year.	
				SSI Total (B, BP, D, DP, K, M)	0.00%*
				SSI Blind (B, BP, K)	N/A
				SSI Disabled (D, DP, M)	N/A
				Foster (P,S, X)	N/A
				CCSHCN (provider type 22 and 23)	2.63%

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2015 Rate
				Total AWC	2.50%
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12 months – 19 years of age who had <u>a visit with a primary care practitioner (PCP)</u> .	
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12–24 months of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year.	
				SSI Total (B, BP, D, DP, K, M)	N/A
				SSI Blind (B, BP, K)	N/A
				SSI Disabled (D, DP, M)	N/A
				Foster (P,S, X)	N/A
				CCSHCN (provider type 22 and 23)	N/A
				Total CAP 12–24 months	N/A
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 25 months–6 years of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year.	
				SSI Total (B, BP, D, DP, K, M)	N/A
				SSI Blind (B, BP, K)	N/A
				SSI Disabled (D, DP, M)	N/A
				Foster (P,S, X)	N/A
				CCSHCN (provider type 22 and 23)	N/A
				Total CAP 25 months–6 years	N/A
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 7–11 years of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year.	
				SSI Total (B, BP, D, DP, K, M)	N/A
				SSI Blind (B, BP, K)	N/A
				SSI Disabled (D, DP, M)	N/A
				Foster (P,S, X)	N/A
				CCSHCN (provider type 22 and 23)	N/A
				Total CAP 7 -11 years	N/A
Preventive Care	Child - CSHCN	A	HEDIS® Children's Access to	The percentage of members 12–19 years of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year, or the year prior.	

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2015 Rate
				SSI Total (B, BP, D, DP, K, M)	N/A
				SSI Blind (B, BP, K)	N/A
				SSI Disabled (D, DP, M)	N/A
				Foster (P,S, X)	N/A
				CCSHCN (provider type 22 and 23)	N/A
				Total CAP 12 -19 years	N/A
Utilization of Dental Services	Child	A	CMS-416 Dental Services <sup>1</sup>	This performance measure assesses the percentage of members ages <21 years, 6-9 years and 10-14 years of age who <u>received the specified dental services.</u>	
				Any Dental Services	39.74%
				Preventive Dental Services	5.53%
				Dental Treatment Services	3.56%
				Sealant on a Permanent Molar Tooth	1.80%
				Diagnostic Dental Services	7.07%
				Oral Health Services Provided by a Non-Dentist Provider	0.24%
				Any Dental or Oral Health Service	39.74%

N/A: not applicable (plan did not have any eligible members for this rate); H: hybrid measure; A: administrative measure; RY: reporting year; NR: MCO did not report a rate; \*: caution should be used when interpreting these rates as the denominator is <30.

<sup>1</sup> The CMS-416 Dental Services measure is a new measure for RY 2015; therefore, there are no rates reported for prior years.

## Appendix B – Validation Findings for CoventryCares of Kentucky

### Medical Record Tools, Instructions and Processes

IPRO reviewed CoventryCares of Kentucky's medical record review tools and instructions. Key findings included:

- § All tools included general documentation requirements, i.e., review date, reviewer, member name, member plan identification number and member date of birth
- § All tools included exclusion criteria where appropriate.
- § All tools included the required fields to reliably collect the numerator information.

### MRR Validation

The results were as follows:

*Adult BMI Assessment and Counseling for Nutrition and Physical Activity*

*Counseling for Nutrition: PASSED VALIDATION*

12 of 15 records passed validation

The reasons three (3) records failed validation were:

- § For three (3) records, there was no documentation specific to dietary instruction or assessment of diet/food intake in the medical records submitted.

*Counseling for Physical Activity: PASSED VALIDATION*

13 of 15 records passed validation

The reasons two (2) records failed validation were:

- § For two (2) records, there was no documentation specific to counseling for physical activity or assessment of physical activity in the medical records submitted.

*Prenatal and Postpartum Risk Assessment and Education/Counseling: Screening and Intervention for Tobacco Use (Prenatal)*

*Screening for Tobacco Use: PASSED VALIDATION*

15 of 15 records passed validation.

*Intervention for Tobacco Use: PASSED VALIDATION*

13 of 15 records passed validation.

The reasons two (2) records failed validation were:

- § For two (2) records, there was no documentation of intervention for tobacco use in the medical records submitted.

### Performance Trends RY 2014 to RY 2015

CoventryCares of Kentucky performance for RYs 2013 through 2015 is presented in Table B1, along with the change in rate (increase or decrease) from RY 2014 to RY 2015.

Overall observations regarding CoventryCares of Kentucky's performance include:

- § Performance improved for documentation of adult height and weight (+12.82 percentage points) to nearly 69% and declined for healthy weight for height (-3.03 percentage points) to 24%. Recall that the healthy weight for height measure is currently for reporting purposes only; MCOs are not held accountable for improvement.

- § The rate for the related measure, counseling for nutrition for adults, declined by 1.31 percentage points and remained quite low at almost 21%. The rate for counseling for physical activity for adults increased 4.93 percentage points to 20.44%.
- § The rate for cholesterol screening for adults was substandard, at 44.70%, declining over 30 percentage points from 77.56% in RY 2014.
- § For children and adolescents 3 – 17 years of age, documentation of height and weight increased by almost 16 percentage points, from 60.65% to 76.40%, and those with a healthy weight for height, while still quite low, improved over 11 percentage points to 30.50%.
- § Related to adolescent screening and counseling, all four (4) rates improved substantially from RY 2014 to RY 2015; for tobacco from 30.37% to 47.74% (+17.37); for alcohol/substances from 17.04% to 36.13% (+19.09); for sexual activity from 14.07% to 27.10% (+13.03); and for depression from 11.85% to 27.10% (+15.25).
  - For screening during the perinatal period, screening for tobacco use was most often found (59.89%), while rates for the other screening numerators in RY 2015 were 55.01% for alcohol use and 53.30% for drug/substance use. The rates for each of these improved, with increases ranging from 31.33 to 33.41 percentage points. For those with positive screenings, the percentage who had intervention ranged from ~ 67% for both tobacco and substance use to a low of 25% for alcohol use.
- § Other observations regarding CoventryCares of Kentucky's performance in this area:
  - Rates for assessment/counseling for OTC/prescription medication (46.42%) and nutrition (35.53%) also improved substantially.
  - Screening for prenatal depression increased 29.42 percentage points between RY 2014 and RY 2015 to 40.69%, while screening for domestic violence (32.38%) improved 23.08 percentage points.
  - The rate for postpartum depression screening declined markedly (-14.58) from 40.81% to 26.23%.
- § Regarding access to PCPs for CSHCN, performance ranged between ~ 93% (ages 25 months – 6 years and 12-19 years groups) and 97.01% (7–11 years of age).
- § Other observations for this set of measures include:
  - The rates *Well-Child Visits* for CSHCN ages 15 months (50.91%) and for adolescents (54.33%) were lower than for those 3-6 years of age (90.37%).
  - Annual Dental Visits for CSHCNs ages 2-21 years declined (-8.59) to a rate of 54.89%.
- § The CMS-416 EPSDT measures for dental services for children were reported for the first time in RY 2015. The rate for any dental service was 49.46%, for preventive services, 38.90%, and for sealants on a permanent molar, 5.12%.

**Table B1: CoventryCares of Kentucky – RY 2013, 2014 and 2015 Performance Measure Rates**

Performance Measure Domain	Age Group	Admin/Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had their <u>height and weight</u> documented during the measurement year or the year prior to the measurement year.	52.80%	55.79%	68.61%	12.82
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had a <u>healthy weight for height</u> documented during the measurement year or the year prior to the measurement year (as identified by appropriate BMI).	26.42%	26.56%	23.53%	-3.03
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for nutrition</u> documented during the measurement year or the year prior to the measurement year.	17.52%	21.99%	20.68%	-1.31
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for physical activity</u> documented during the measurement year or the year prior to the measurement year.	15.19%	15.51%	20.44%	4.93
Preventive Care	Adult	A	Cholesterol Screening	The percentage of male enrollees age $\geq 35$ years and female enrollees age $\geq 45$ years who had an outpatient visit and had <u>LDL-C/cholesterol screening</u> in the measurement year or during the four years prior.	73.89%	77.56%	44.70%	-32.86
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	67.15%	62.29%	79.69%	17.40
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	68.39%	57.04%	70.97%	13.93

Performance Measure Domain	Age Group	Admin/Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	67.59%	60.65%	76.40%	15.75
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	10.70%	17.84%	29.13%	11.29
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	15.09%	20.25%	33.04%	12.79
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	12.29%	18.56%	30.50%	11.94
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for tobacco</u> .	36.36%	30.37%	47.74%	17.37
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for alcohol/substances</u> .	28.57%	17.04%	36.13%	19.09
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and had <u>screening/counseling for sexual activity</u> .	18.83%	14.07%	27.10%	13.03
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening for depression</u> documented.	NR	11.85%	27.10%	15.25

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for tobacco use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	25.06%	26.48%	59.89%	33.41
				The percentage of pregnant members who had a screening for tobacco use and were found <u>positive for tobacco use.</u>	NR	54.26%	34.93%	-19.33
				The percentage of pregnant members who were found positive for tobacco use and received <u>intervention for tobacco use.</u>	NR	43.14%	67.12%	23.98
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for alcohol use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	20.76%	22.54%	55.01%	32.47
				The percentage of pregnant members who had a screening for alcohol use and were found <u>positive for alcohol use.</u>	NR	33.75%	8.33%	-25.42
				The percentage of pregnant members who were found positive for alcohol use and <u>received intervention for alcohol use.</u>	NR	3.70%*	25.00%*	21.30
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for substance/drug use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	21.77%	21.97%	53.30%	31.33
				The percentage of pregnant members who had a screening for substance/drug use and were found <u>positive for substance/drug use.</u>	NR	34.62%	11.29%	-23.33
				The percentage of pregnant members who were found positive for substance/drug use and were provided <u>intervention for drug/substance use.</u>	NR	7.41%*	66.67%*	59.26

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/counseling for nutrition</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	9.87%	10.99%	35.53%	24.54
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/ counseling for OTC/ prescription medication</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	12.41%	12.11%	46.42%	34.31
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for domestic violence</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	10.13%	9.30%	32.38%	23.08
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for depression</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	14.18%	11.27%	40.69%	29.42
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for depression during a postpartum visit</u> .	0.00%	40.81%	26.23%	-14.58
Children with Special Health Care Needs: Access to Care and Preventive Care Services								
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Annual Dental Visit	The percentage of members 2–21 years of age who had <u>at least one dental visit</u> during the measurement year.				
				SSI Total (B, BP, D, DP, K, M)	54.32%	55.33%	47.84%	-7.49
				SSI Blind (B, BP, K)	66.67%	40.00%*	42.86%*	2.86
				SSI Disabled (D, DP, M)	54.25%	55.37%	47.87%	-7.50
				Foster (P,S, X)	73.10%	68.98%	67.94%	-1.04
				CCSHCN (provider type 22 and 23)	67.27%	66.67%	62.50%	-4.17
				Total ADV (2–21 years)	60.76%	63.48%	54.97%	-8.51
Preventive Care	Child - CSHCN	A	HEDIS® Well-Child	The percentage of members who turned 15 months old during the measurement year and who had <u>at least 6 well-child visits with a PCP</u> during their first 15 months of life.				

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
				SSI Total (B, BP, D, DP, K, M)	N/A	N/A	40.00%*	N/A
				SSI Blind (B, BP, K)	N/A	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	N/A	N/A	40.00%*	N/A
				Foster (P,S, X)	N/A	N/A	60.00%	N/A
				CCSHCN (provider type 22 and 23)	N/A	N/A	100.00%*	N/A
				Total WC15mo	N/A	N/A	70.59%	N/A
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Well-Child Visits in the 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> & 6 <sup>th</sup> Years of Life	The percentage of members 3–6 years of age who received <u>one or more well-child visits with a PCP</u> during the measurement year.				
				SSI Total (B, BP, D, DP, K, M)	57.01%	55.25%	88.22%	32.97
				SSI Blind (B, BP, K)	N/A	N/A	75.00%*	N/A
				SSI Disabled (D, DP, M)	57.10%	55.25%	88.37%	33.12
				Foster (P,S, X)	69.69%	67.51%	92.54%	25.03
				CCSHCN (provider type 22 and 23)	75.00%	82.61%	100.00%*	-17.39
				Total WC34	63.18%	65.88%	90.69%	24.81
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Adolescent Well-Care Visits	The percentage of enrolled members 12–21 years of age who had <u>at least one comprehensive well-care visit with a PCP or an OB/GYN practitioner</u> during the measurement year.				
				SSI Total (B, BP, D, DP, K, M)	35.46%	28.28%	48.59%	20.31
				SSI Blind (B, BP, K)	N/A	33.33%*	52.63%*	19.30
				SSI Disabled (D, DP, M)	35.45%	28.26%	48.57%	20.31
				Foster (P,S, X)	54.20%	48.76%	69.68%	20.92
				CCSHCN (provider type 22 and 23)	44.36%	43.75%	100.00%	56.25
				Total AWC	41.17%	38.81%	55.30%	16.49
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12 months – 19 years of age who had <u>a visit with a primary care practitioner (PCP).</u>				
Preventive Care	Child - CSHCN	A	HEDIS® Children's	The percentage of members 12–24 months of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year.				

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
				SSI Total (B, BP, D, DP, K, M)	96.67%	89.74%	100.00%*	10.26
				SSI Blind (B, BP, K)	N/A	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	96.63%	89.74%	100.00%*	10.26
				Foster (P,S, X)	99.13%	98.31%	92.31%*	-6.00
				CCSHCN (provider type 22 and 23)	100.00%*	100.00%*	100.00%*	0
				Total CAP 12–24 months	98.26%	95.76%	95.65%*	-0.11
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 25 months–6 years of age who had a <u>visit with a primary care practitioner (PCP)</u> during the measurement year.				
				SSI Total (B, BP, D, DP, K, M)	95.60%	27.94%	91.92%	63.98
				SSI Blind (B, BP, K)	N/A	N/A	80.00%*	N/A
				SSI Disabled (D, DP, M)	95.58%	27.94%	92.06%	64.12
				Foster (P,S, X)	94.28%	91.54%	94.87%	3.33
				CCSHCN (provider type 22 and 23)	100.00%	100.00%	96.00*	-4.00
				Total CAP 25 months–6 years	95.45%	76.78%	93.49%	16.71
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 7–11 years of age who had a <u>visit with a primary care practitioner (PCP)</u> during the measurement year, or the year prior.				
				SSI Total (B, BP, D, DP, K, M)	N/A	51.14%	97.09%	45.95
				SSI Blind (B, BP, K)	N/A	50.00%*	100.00%*	50.00
				SSI Disabled (D, DP, M)	N/A	51.15%	97.07%	45.92
				Foster (P,S, X)	N/A	95.83%	93.53%	-2.30
				CCSHCN (provider type 22 and 23)	N/A	100.00%*	100.00%*	0
				Total CAP 7 -11 years	N/A	84.42%	95.65%	11.23
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12–19 years of age who had a <u>visit with a primary care practitioner (PCP)</u> during the measurement year, or the year prior.				
				SSI Total (B, BP, D, DP, K, M)	N/A	95.18%	95.04%	-0.14
				SSI Blind (B, BP, K)	N/A	96.02%	75.00%*	-21.02
				SSI Disabled (D, DP, M)	N/A	94.79%	95.13%	0.34
				Foster (P,S, X)	N/A	94.39%	90.79%	-3.60
				CCSHCN (provider type 22 and 23)	N/A	100.00%	100.00%	0
				Total CAP 12 -19 years	N/A	94.85%	93.78%	-1.07

Performance Measure Domain	Age Group	Admin/Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Utilization of Dental Services	Child	A	CMS-416 Dental Services <sup>1</sup>	This performance measure assesses the percentage of members ages <21 years, 6-9 years and 10-14 years of age who <u>received the specified dental services.</u>				
				Any Dental Services			49.46%	N/A
				Preventive Dental Services			38.90%	N/A
				Dental Treatment Services			23.08%	N/A
				Sealant on a Permanent Molar Tooth			5.12%	N/A
				Diagnostic Dental Services			46.41%	N/A
				Oral Health Services Provided by a Non-Dentist Provider			4.71%	N/A
				Any Dental or Oral Health Service			50.67%	N/A

N/A: not applicable (plan did not have any eligible members for this rate); H: hybrid measure; A: administrative measure; RY: reporting year; NR: MCO did not report a rate; \*: caution should be used when interpreting these rates as the denominator is <30.

<sup>1</sup> The CMS-416 Dental Services measure is a new measure for RY 2015; therefore, there are no rates reported for prior years.

## Appendix C – Validation Findings for Humana-CareSource

### Medical Record Tools, Instructions and Processes

IPRO reviewed Humana-CareSource's medical record review tools and instructions. Key findings included:

- § All tools included general documentation requirements, i.e., review date, reviewer, member name, member plan identification number and member date of birth.
- § All tools included exclusion criteria where appropriate.
- § All tools included the required fields to reliably collect the numerator information.

### MRR Validation

The results were as follows:

#### *Adult BMI Assessment and Counseling for Nutrition and Physical Activity*

*Counseling for Nutrition:* PASSED VALIDATION

14 of 15 records passed validation

The reasons one (1) record failed validation was:

- § The member appeared to be incorrectly identified in the data as meeting the numerator since the MCO's medical record tool indicated that the member did not receive counseling for nutrition.

*Counseling for Physical Activity:* PASSED VALIDATION

15 of 15 records passed validation

#### *Prenatal and Postpartum Risk Assessment and Education/Counseling: Screening and Intervention for Tobacco Use (Prenatal)*

*Screening for Tobacco Use:* PASSED VALIDATION

15 of 15 records passed validation.

*Intervention for Tobacco Use:* PASSED VALIDATION

15 of 15 records passed validation.

### Performance Trends RY 2014 to RY 2015

Humana-CareSource's performance for RYs 2014 and 2015 is presented in Table C1 along with the change in rate (increase or decrease) from RY 2014 to RY 2015.

Overall observations regarding Humana-CareSource's performance include:

- § For children and adolescents 3 – 17 years of age, documentation of height and weight increased slightly from 69.83% to 72.26%, while those with a healthy weight for height, while still quite low, improved over 14 percentage points to 44.44%.
- § Documentation of height and weight for adults was reported for the first time on RY 2015. The rate was 66.42%. The other numerator rates for this measure were very low: 25.17% for healthy weight for height; 27.01% for counseling for nutrition, and 25.55% for counseling for physical activity.
- § The rate for cholesterol screening for adults was subpar, at 59.60%, and declined substantially (-17.30) from 76.90% in RY 2014 to 59.60%.
- § Related to adolescent screening and counseling, all four (4) rates increased; for tobacco from 58.04% to 59.86%; for alcohol/substances from 47.32% to 52.11%; for sexual activity from 41.07% to 50.70%; and for screening for depression from 31.25% to 47.18%.

- § Related to screening during the perinatal period, rates ranged from 38.60% (for drug/substance use) to 44.91% (for tobacco use). Note that each of the rates improved by over 30 percentage points. Intervention for positive use was most often found for substance use (69.23%), then tobacco use (51.16%) and lastly, for alcohol use (0%).
- § Other observations regarding Humana-CareSource's performance in this area:
  - Rates for assessment/counseling for nutrition (29.12%), assessment/counseling for OTC/prescription medication (33.68%), screening for domestic violence (17.89%), and prenatal screening for depression (23.86%) improved between 13.64-35.43 percentage points.
  - Screening for depression during a postpartum visit improved substantially (+35.43) from 14.10% in RY 2014 to 49.53% in RY 2015.
- § Regarding well-child visits for CSHCN, two (2) rates were reported. The rate for 3-6 year olds was 65.77% (+6.01) and for adolescents, the rate improved 4.95 percentage points to 38.34%.
- § Related to access to PCPs for CSHCNs, the three (3) rates that were reported ranged from 78.26% (12-19 year olds) to 86.33% (ages 25 months – 6 years).
- § Annual dental visits for CSHCNs improved slightly to 43.68% (+2.39).
- § The CMS-416 EPSDT dental services for children measures were reported for the first time in RY 2015. Rates were 32.03% for any dental service, 29.32% for preventive services, and only 3.73% for sealants.

**Table C1: Humana-CareSource – RY 2014 and 2015 Performance Measure Rates**

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had their <u>height and weight</u> documented during the measurement year or the year prior to the measurement year.	N/A	66.42%	N/A
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had a <u>healthy weight for height</u> documented during the measurement year or the year prior to the measurement year (as identified by appropriate BMI).	N/A	25.17%	N/A
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for nutrition</u> documented during the measurement year or the year prior to the measurement year.	N/A	27.01%	N/A
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for physical activity</u> documented during the measurement year or the year prior to the measurement year.	N/A	25.55%	N/A

Performance Measure Domain	Age Group	Admin/Hybrid	Category	Measure Definition	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Preventive Care	Adult	A	Cholesterol Screening	The percentage of male enrollees age $\geq 35$ years and female enrollees age $\geq 45$ years who had an outpatient visit and had <u>LDL-C/cholesterol screening</u> in the measurement year or during the four years prior.	76.90%	59.60%	-17.30
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	70.23%	73.23%	3.00
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	68.75%	70.42%	1.67
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	69.83%	72.26%	2.43
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	29.28%	47.32%	18.04
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	32.56%	38.61%	6.05
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	30.19%	44.44%	14.25
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for tobacco</u> .	58.04%	59.86%	1.82

Performance Measure Domain	Age Group	Admin/Hybrid	Category	Measure Definition	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for alcohol/substances</u> .	47.32%	52.11%	4.79
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and had <u>screening/counseling for sexual activity</u> .	41.07%	50.70%	9.63
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening for depression</u> documented.	31.25%	47.18%	15.93
Perinatal Care	N/A	H	Prenatal Screening/Counseling	The percentage of pregnant members who had evidence of <u>screening for tobacco use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	8.50%	44.91%	36.41
				The percentage of pregnant members who had <u>positive screening for tobacco use</u> .	42.31%*	33.59%	-8.72
				The percentage of pregnant members who had positive screening for tobacco use and <u>received intervention for tobacco use</u> .	36.36%*	51.16%	14.80
Perinatal Care	N/A	H	Prenatal Screening/Counseling	The percentage of pregnant members who had evidence of <u>screening for alcohol use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	4.58%	40.00%	35.42
				The percentage of pregnant members who had <u>positive screening for alcohol use</u> .	0.00%*	5.26%	5.26
				The percentage of pregnant members who were found positive for alcohol use and received <u>intervention for alcohol use</u> .	N/A	0.00%*	N/A
Perinatal Care	N/A	H	Prenatal Screening/Counseling	The percentage of pregnant members who had evidence of <u>screening for substance/drug use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	4.90%	38.60%	33.70
				The percentage of pregnant members who had <u>positive screening for substance/drug use</u> .	0.00%*	11.82%	11.82

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
				The percentage of pregnant members who were found positive for substance/ <u>drug use</u> and were provided intervention for <u>drug/substance use</u> .	N/A	69.23%*	N/A
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/ counseling for nutrition</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	4.90%	29.12%	24.22
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/ counseling for OTC/ prescription medication</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	3.27%	33.68%	30.41
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for domestic violence</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	4.25%	17.89%	13.64
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for depression</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	2.61%	23.86%	21.25
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for depression</u> during a <u>postpartum visit</u> .	14.10%	49.53%	35.43
Children with Special Health Care Needs: Access to Care and Preventive Care Services							
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Annual Dental Visit	The percentage of members 2–21 years of age who had <u>at least one dental visit</u> during the measurement year.			
				SSI Total (B, BP, D, DP, K, M)	40.03%	41.40%	1.37
				SSI Blind (B, BP, K)	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	40.20%	41.40%	1.20
				Foster (P,S, X)	44.33%	51.72%	7.39
				CCSHCN (provider type 22 and 23)	43.11%	N/A	N/A
				Total ADV (2–21 years)	41.29%	43.68%	2.39

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Well-Child Visits in the First 15 Months of Life (6 or More Visits)	The percentage of members who turned 15 months old during the measurement year and who had <u>at least 6 well-child visits with a PCP during their first 15 months of life.</u>			
				SSI Total (B, BP, D, DP, K, M)	N/A	N/A	N/A
				SSI Blind (B, BP, K)	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	N/A	N/A	N/A
				Foster (P,S, X)	N/A	N/A	N/A
				CCSHCN (provider type 22 and 23)	N/A	N/A	N/A
				Total WC15mo	N/A	N/A	N/A
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Well-Child Visits in the 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> & 6 <sup>th</sup> Years of Life	The percentage of members 3–6 years of age who received <u>one or more well-child visits with a PCP during the measurement year.</u>			
				SSI Total (B, BP, D, DP, K, M)	53.85%	58.97%	5.12
				SSI Blind (B, BP, K)	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	53.33%	58.97%	5.64
				Foster (P,S, X)	67.74%	81.82%	14.08
				CCSHCN (provider type 22 and 23)	66.67%	N/A	N/A
				Total WC34	59.76%	65.77%	6.01
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Adolescent Well-Care Visits	The percentage of enrolled members 12–21 years of age who had <u>at least one comprehensive well-care visit with a PCP or an OB/GYN practitioner during the measurement year.</u>			
				SSI Total (B, BP, D, DP, K, M)	32.55%	37.28%	4.73
				SSI Blind (B, BP, K)	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	32.72%	37.28%	4.56
				Foster (P,S, X)	32.41%	42.20%	9.79
				CCSHCN (provider type 22 and 23)	40.68%	N/A	N/A
				Total AWC	33.39%	38.34%	4.95
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12 months – 19 years of age who had <u>a visit with a primary care practitioner (PCP).</u>			
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12–24 months of age who had <u>a visit with a primary care practitioner (PCP) during the measurement year.</u>			
				SSI Total (B, BP, D, DP, K, M)	N/A	N/A	N/A
				SSI Blind (B, BP, K)	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	N/A	N/A	N/A
				Foster (P,S, X)	N/A	N/A	N/A

Performance Measure Domain	Age Group	Admin/Hybrid	Category	Measure Definition	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
				CCSHCN (provider type 22 and 23)	N/A	N/A	N/A
				Total CAP 12–24 months	93.33%	N/A	N/A
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 25 months–6 years of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year.			
				SSI Total (B, BP, D, DP, K, M)	79.59%	83.87%	4.28
				SSI Blind (B, BP, K)	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	79.38%	83.87%	4.49
				Foster (P,S, X)	77.50%	91.30%	13.80
				CCSHCN (provider type 22 and 23)	91.80%	N/A	N/A
				Total CAP 25 months–6 years	82.91%	86.33%	3.42
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 7–11 years of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year, or the year prior.			
				SSI Total (B, BP, D, DP, K, M)	N/A	85.26%	N/A
				SSI Blind (B, BP, K)	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	N/A	85.26%	N/A
				Foster (P,S, X)	N/A	80.00%	N/A
				CCSHCN (provider type 22 and 23)	N/A	N/A	N/A
				Total CAP 7 -11 years	N/A	84.35%	N/A
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12–19 years of age who had <u>a visit with a primary care practitioner (PCP)</u> during the measurement year, or the year prior.			
				SSI Total (B, BP, D, DP, K, M)	N/A	80.31%	N/A
				SSI Blind (B, BP, K)	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	N/A	80.31%	N/A
				Foster (P,S, X)	N/A	70.79%	N/A
				CCSHCN (provider type 22 and 23)	N/A	N/A	N/A
				Total CAP 12 -19 years	N/A	78.26%	N/A
Utilization of Dental Services	Child	A	CMS-416 Dental Services <sup>1</sup>	This performance measure assesses the percentage of members ages <21 years, 6-9 years and 10-14 years of age who <u>received the specified dental services.</u>			
				Any Dental Services		32.03%	N/A
				Preventive Dental Services		29.32%	N/A
				Dental Treatment Services		12.14%	N/A

Performance Measure Domain	Age Group	Admin/Hybrid	Category	Measure Definition	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
				Sealant on a Permanent Molar Tooth		3.73%	N/A
				Diagnostic Dental Services		30.47%	N/A
				Oral Health Services Provided by a Non-Dentist Provider		1.29%	N/A
				Any Dental or Oral Health Service		39.26%	N/A

N/A: not applicable (plan did not have any eligible members for this rate); H: hybrid measure; A: administrative measure; RY: reporting year; NR: MCO did not report a rate; \*: caution should be used when interpreting these rates as the denominator is <30.

<sup>1</sup> The CMS-416 Dental Services measure is a new measure for RY 2015; therefore, there are no rates reported for prior years.

## Appendix D – Validation Findings for Passport Health Plan

### Medical Record Tools, Instructions and Processes

IPRO reviewed Passport Health Plan's medical record review tools and instructions. Key findings included:

- § All tools included general documentation requirements, i.e., review date, reviewer, member name, member plan identification number and member date of birth
- § All tools included exclusion criteria where appropriate.
- § All tools included the required fields to reliably collect the numerator information.

### *Prenatal and Postpartum Risk Assessment and Education/Counseling: All Numerators*

- § There were no fields to collect the dates for the numerator services. Without dates, it is not clear how the MCO determined if the services were provided within the first two visits.
- § The tool does not include fields that capture each of the following: screening/assessment, positive findings and interventions documented by the provider with the dates of service.
- § It is not clear if the reviewers are instructed to consider screening for all types of tobacco – cigarettes, cigars, chew, smokeless tobacco and e-cigarettes and all types of intervention for positive use (of tobacco, alcohol, and substances) - counseling, education, referrals and other interventions.

It is important to note that, since Passport Health Plan passed the medical record validation, the findings above did not impact the validity and reliability of the abstracted data.

### MRR Validation

The results were as follows:

#### *Adult BMI Assessment and Counseling for Nutrition and Physical Activity*

*Counseling for Nutrition: PASSED VALIDATION*

15 of 15 records passed validation

*Counseling for Physical Activity: PASSED VALIDATION*

15 of 15 records passed validation

#### *Prenatal and Postpartum Risk Assessment and Education/Counseling: Screening and Intervention for Tobacco Use (Prenatal)*

*Screening for Tobacco Use: PASSED VALIDATION*

14 of 15 records passed validation.

The reason one (1) record failed validation was:

- § It was not clear if the screening for tobacco use occurred during the first two visits.

*Intervention for Tobacco Use: PASSED VALIDATION*

15 of 15 records passed validation.

## Performance Trends RY 2014 to RY 2015

Passport's performance for RYs 2013 through 2015 is presented in Table D1, along with the change in rate (increase or decrease) from RY 2014 to RY 2015.

Overall observations regarding Passport Health Plan's performance include:

- § There were marginal improvements for the adult measures documentation of height and weight (89.85%-90.05%) and counseling for physical activity (40.40%-41.67%) from RY 2014 to RY 2015. Conversely, rates for the other two (2) numerators declined; healthy weight for height at 22.62% (-0.97) and counseling for nutrition at 40.28% (-2.77). It is important to note that the healthy weight for height measure is currently for reporting purposes only; MCOs are not held accountable for improvement.
- § The rate for cholesterol screening for adults decreased markedly from 87.79% to 59.62% (-28.17).
- § For children and adolescents 3 – 17 years of age, documentation of height and weight (94.70%) and those with a healthy weight for height (56.64%) each rose slightly.
- § Related to adolescent screening and counseling, all rates increased; for tobacco from 74.85% to 85.19%, for alcohol/substances from 59.51% to 72.84%, for sexual activity from 53.99% to 61.73% and for screening for depression from 28.83% to 44.44%.
- § Rates for screening and counseling during the perinatal period included: screening for tobacco use – 75.39% (+11.29); alcohol use – 72.51% (+ 8.41); and substance use – 70.95% (+6.85). Intervention for positive use ranged from a low of 25% for alcohol use to > 50% for both tobacco use and substance use.
- § Assessment/counseling for OTC/prescription medication was most often found (88.47%), screening for domestic violence was infrequently noted (25.28%), while screening for depression during the prenatal period was also low, having declined steeply (-20.15) from 59.62% to 39.47%.
- § The percentage of pregnant members who had evidence of screening for depression during a postpartum visit improved greatly (+21.50), increasing from 39.02% to 60.52% between RY 2014 and RY 2015.
- § Regarding access to care for CSHCN:
  - Well-care visit rates fluctuated slightly (+/- less than 2 percentage points). Rates were as follows: 51.35% for children aged 15 months; 75.28% for children 3-6 years of age; and 53.88% for adolescents ages 12-21 years.
  - Access to PCPs for CSHCNs also fluctuated slightly (+/- less than 2 percentage points). The rates ranged from ~ 91% for both children ages 25 months to 6 years and adolescents aged 12-19 years to > 98% for children ages 12-24 months.
  - *HEDIS® Annual Dental Visits* for CSHCNs remained stable at 62.72%.
- § The CMS-416 EPSDT measures for dental services were reported for the first time in RY 2015. Rates included: any dental services – 45.72%; preventive services—41.70%; and sealants on a permanent molar – 4.11%.

**Table D1: Passport Health Plan – RY 2013, 2014 and 2015 Performance Measure Rates**

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had their <u>height and weight</u> documented during the measurement year or the year prior to the measurement year.	83.89%	89.85%	90.05%	0.20
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had a <u>healthy weight for height</u> documented during the measurement year or the year prior to the measurement year (as identified by appropriate BMI).	22.63%	23.59%	22.62%	-0.97
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for nutrition</u> documented during the measurement year or the year prior to the measurement year.	38.85%	43.05%	40.28%	-2.77
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for physical activity</u> documented during the measurement year or the year prior to the measurement year.	30.68%	40.40%	41.67%	1.27
Preventive Care	Adult	A	Cholesterol Screening	The percentage of male enrollees age $\geq 35$ years and female enrollees age $\geq 45$ years who had an outpatient visit and had <u>LDL-C/cholesterol screening</u> in the measurement year or during the four years prior.	84.23%	87.79%	59.62%	-28.17
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	87.95%	92.03%	93.47%	1.44

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	91.10%	92.11%	96.91%	4.80
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	88.96%	92.05%	94.70%	2.65
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	59.63%	59.21%	58.46%	-0.75
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	48.12%	48.57%	53.50%	4.93
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	55.83%	55.64%	56.64%	1.00
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for tobacco</u> .	71.92%	74.85%	85.19%	10.34

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for alcohol/substances.</u>	63.70%	59.51%	72.84%	13.33
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and had <u>screening/counseling for sexual activity.</u>	55.48%	53.99%	61.73%	7.74
Preventive Care	Child	H	Adolescent Screening/ Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening for depression</u> documented.	NR	28.83%	44.44%	15.61
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for tobacco use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	87.76%	64.10%	75.39%	11.29
				The percentage of pregnant members who had <u>positive screening for tobacco use.</u>	31.75%	28.57%	33.53%	4.96
				The percentage of pregnant members who had positive screening for tobacco use and received <u>intervention for tobacco use.</u>	65.42%	60.53%	54.39%	-6.14
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for alcohol use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	86.46%	64.10%	72.51%	8.41
				The percentage of pregnant members who had <u>positive screening for alcohol use.</u>	3.92%	4.14%	8.56%	4.42
				The percentage of pregnant members who were found positive for alcohol use and received <u>intervention for alcohol use.</u>	69.23%*	36.36%*	25.00%*	-11.36

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for substance/drug use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	85.94%	64.10%	70.95%	6.85
				The percentage of pregnant members who had <u>positive screening for substance/drug use</u> .	5.76%	5.64%	9.06%	3.42
				The percentage of pregnant members who were found positive for substance/drug use and were provided <u>intervention for drug/substance use</u> .	52.63%*	40.00%*	51.72%*	11.72
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/ counseling for nutrition</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	50.00%	30.12%	39.69%	9.57
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/ counseling for OTC/ prescription medication</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	84.11%	63.86%	88.47%	24.61
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for domestic violence</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	45.05%	20.72%	25.28%	4.56

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members year who had evidence of <u>screening for depression</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	70.83%	39.04%	39.47%	0.43
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for depression during a postpartum visit.</u>	58.39%	39.02%	60.52%	21.50
Children with Special Health Care Needs: Access to Care and Preventive Care Services								
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Annual Dental Visit	The percentage of members 2–21 years of age who had <u>at least one dental visit</u> during the measurement year.				
				SSI Total (B, BP, D, DP, K, M)	52.94%	57.02%	57.27%	0.25
				SSI Blind (B, BP, K)	52.94%	60.00%*	68.42%*	8.42
				SSI Disabled (D, DP, M)	52.94%	57.01%	57.23%	0.22
				Foster (P,S, X)	67.60%	76.71%	73.24%	-3.47
				CCSHCN (provider type 22 and 23)	71.43%	64.86%	66.37%	1.51
				Total ADV (2–21 years)	56.76%	63.00%	62.72%	-0.28
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Well-Child Visits in the First 15 Months of Life (6+ visits)	The percentage of members who turned 15 months old during the measurement year and who had <u>at least 6 well-child visits with a PCP</u> during their first 15 months of life.				
				SSI Total (B, BP, D, DP, K, M)	35.47%	37.37%	38.64%	1.27
				SSI Blind (B, BP, K)	100.00%*	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	34.32%	37.37%	38.64%	1.27
				Foster (P,S, X)	61.47%	68.75%	59.76%	-8.99
				CCSHCN (provider type 22 and 23)	N/A	N/A	80.00%*	N/A
				Total WC15mo	45.55%	49.69%	51.35%	1.66
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Well-Child Visits in the 3rd, 4th, 5th and 6th	The percentage of members 3–6 years of age who received <u>one or more well-child visits with a PCP</u> during the measurement year.				
				SSI Total (B, BP, D, DP, K, M)	70.42%	73.18%	76.87%	3.69
				SSI Blind (B, BP, K)	100.00%*	80.00%*	100.00%*	20.00
				SSI Disabled (D, DP, M)	70.35%	73.13%	76.69%	3.56
				Foster (P,S, X)	77.08%	78.27%	73.69%	-4.58
				CCSHCN (provider type 22 and 23)	N/A	N/A	72.65%	N/A

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
			Years of Life	Total WC34	72.61%	75.19%	75.28%	0.09
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Adolescent Well-Care Visits	The percentage of enrolled members 12–21 years of age who had <u>at least one comprehensive well-care visit with a PCP or an OB/GYN practitioner during the measurement year.</u>				
				SSI Total (B, BP, D, DP, K, M)	48.86%	52.16%	51.24%	-0.92
				SSI Blind (B, BP, K)	42.86%*	45.45%*	40.00%*	-5.45
				SSI Disabled (D, DP, M)	48.88%	52.19%	51.28%	-0.91
				Foster (P,S, X)	59.34%	62.56%	59.98%	-2.58
				CCSHCN (provider type 22 and 23)	59.65%	56.67%	56.72%	0.05
				Total AWC	51.38%	54.96%	53.88%	-1.08
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12 months – 19 years of age who had <u>a visit with a primary care practitioner (PCP).</u>				
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12–24 months of age who had <u>a visit with a primary care practitioner (PCP) during the measurement year.</u>				
				SSI Total (B, BP, D, DP, K, M)	93.49%	97.25%	98.18%	0.93
				SSI Blind (B, BP, K)	100.00%*	N/A	N/A	N/A
				SSI Disabled (D, DP, M)	93.37%	97.25%	98.18%	0.93
				Foster (P,S, X)	100.00%	98.82%	99.08%	0.26
				CCSHCN (provider type 22 and 23)	N/A	N/A	100.00%*	N/A
				Total CAP 12–24 months	96.19%	97.94%	98.73%	0.79
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 25 months–6 years of age who had <u>a visit with a primary care practitioner (PCP) during the measurement year.</u>				
				SSI Total (B, BP, D, DP, K, M)	90.95%	92.58%	92.79%	0.21
				SSI Blind (B, BP, K)	100.00%*	80.00%*	100.00%*	20.00
				SSI Disabled (D, DP, M)	90.92%	92.66%	92.75%	0.09
				Foster (P,S, X)	91.03%	92.15%	88.77%	-3.38
				CCSHCN (provider type 22 and 23)	N/A	N/A	94.74%	N/A
				Total CAP 25 months–6 years	90.98%	92.40%	91.29%	-1.11
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 7–11 years of age who had <u>a visit with a primary care practitioner (PCP) during the measurement year.</u>				
				SSI Total (B, BP, D, DP, K, M)	90.97%	94.62%	93.78%	-0.84
				SSI Blind (B, BP, K)	100.00%*	100.00%*	50.00%*	-50.00

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change from RY 2014 to RY 2015
				SSI Disabled (D, DP, M)	90.95%	94.60%	93.85%	-0.75
				Foster (P,S, X)	89.06%	96.05%	92.34%	-3.71
				CCSHCN (provider type 22 and 23)	100.00%*	100.00%*	95.30%	-4.70
				Total CAP 7 -11 years	90.56%	94.90%	93.46%	-1.44
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12–19 years of age who had a visit with a primary care practitioner (PCP) during the measurement year, or the year prior.				
				SSI Total (B, BP, D, DP, K, M)	88.76%	92.38%	90.64%	-1.74
				SSI Blind (B, BP, K)	83.33%*	100.00%*	75.00%*	-25.00
				SSI Disabled (D, DP, M)	88.78%	92.35%	90.69%	-1.66
				Foster (P,S, X)	86.58%	94.06%	91.70%	-2.36
				CCSHCN (provider type 22 and 23)	94.44%	96.43%*	92.78%	-3.65
				Total CAP 12 -19 years	88.33%	92.68%	91.04%	-1.64
Utilization of Dental Services	Child	A	CMS-416 Dental Services <sup>1</sup>	This performance measure assesses the percentage of members ages <21 years, 6-9 years and 10-14 years of age who received the specified dental services.				
				Any Dental Services			45.72%	N/A
				Preventive Dental Services			41.70%	N/A
				Dental Treatment Services			17.50%	N/A
				Sealant on a Permanent Molar Tooth			4.11%	N/A
				Diagnostic Dental Services			47.16%	N/A
				Oral Health Services Provided by a Non-Dentist Provider			N/A	N/A
				Any Dental or Oral Health Service			46.66%	N/A

N/A: not applicable (plan did not have any eligible members for this rate); H: hybrid measure; A: administrative measure; RY: reporting year; NR: MCO did not report a rate; \*: caution should be used when interpreting these rates as the denominator is <30.

<sup>1</sup> The CMS-416 Dental Services measure is a new measure for RY 2015; therefore, there are no rates reported for prior years.

## Appendix E – Validation Findings for WellCare of Kentucky

### Medical Record Tools, Instructions and Processes

IPRO reviewed WellCare of Kentucky's medical record review tools and instructions. Key findings included:

- All tools included general documentation requirements, i.e., review date, reviewer, member name, member plan identification number and member date of birth.
- § All tools included exclusion criteria where appropriate.
- § All tools included the required fields to reliably collect the numerator information.

### MRR Validation

The results were as follows:

*Adult BMI Assessment and Counseling for Nutrition and Physical Activity*

*Counseling for Nutrition:* PASSED VALIDATION

15 of 15 records passed validation

*Counseling for Physical Activity:* PASSED VALIDATION

15 of 15 records passed validation

*Prenatal and Postpartum Risk Assessment and Education/Counseling: Screening and Intervention for Tobacco Use (Prenatal)*

*Screening for Tobacco Use:* PASSED VALIDATION

15 of 15 records passed validation.

*Intervention for Tobacco Use:* PASSED VALIDATION

15 of 15 records passed validation.

### Performance Trends RY 2014 to RY 2015

WellCare of Kentucky's performance for RYs 2013 through 2015 is presented in Table E1, along with the change in rate (increase or decrease) from RY 2014 to RY 2015.

Overall observations regarding WellCare of Kentucky's performance include:

- § The rates for documentation of height and weight for adults and healthy weight for height remained stable at 83.56% and 25.50%, respectively. It is important to note that the healthy weight for height measure is currently for reporting purposes only; MCOs are not held accountable for improvement.
- § Counseling for physical activity for adults declined slightly from 33.33% to 32.42%, while counseling for nutrition increased (~ 6 percentage points) from 27.78% (RY 2014) to 33.79% (RY 2015).
- § The rate for cholesterol screening for adults, although still high, decreased approximately 8 percentage points from 80.86% to 72.56% between RY 2014 and RY 2015.
- § For children and adolescents 3 – 17 years of age, documentation of height and weight decreased over 10 percentage points, to 69.83%, while those with a healthy weight for height increased over 11 percentage points to 30.95%.

- § Related to adolescent screening and counseling, each of the four rates improved, from almost 19 percentage points for screening for depression to just less than one (1) percentage point for alcohol/substance screening/counseling. Screening/counseling for tobacco use was seen most often, at 62.33%, followed by screening for depression (40.41%), screening/counseling for alcohol/substances (38.36%), and lastly, screening/counseling for sexual activity (26.71%).
- § Screening for domestic violence and screening for depression in the prenatal period were seen infrequently, at 17.80% and 24.27%, respectively.
- § Rates for screening during the perinatal period were: 39.16% for tobacco use screening; 36.57% for alcohol use screening and 32.69% for substance use screening. Intervention for positive use ranged from 0.00% for alcohol use to 55.81% for tobacco use, with intervention for substance use at 7.69%.
- § Rates improved (nearly 4 percentage points) for both assessment/counseling for nutrition (21.36%) and assessment/counseling for OTC/prescription medication (34.30%).
- § The rate screening for depression during a postpartum visit was 36.81%.
- § Rates for the set of measures for access to PCPs for CSHCNs were very strong, all above 90%. The highest rate was seen for the CSHCNs ages 12 – 24 months at 97.88% and the lowest rates were ~ 93% for both children ages 25 months – 6 years and adolescents ages 12-19 years.
- § Regarding well-care for CSHCN, performance remained stable for children ages 3-6 years (62.77% to 64.51%) and for adolescents ages 12-21 years (36.97% to 37.07%) but dropped substantially for infants with 6 more visits in the first 15 months of life (52.27% to 43.69%).
- § Access to annual dental visits for CSHCNs dropped negligibly from 61.81% to 60.09%.

**Table E1: WellCare of Kentucky – RY 2013, 2014 and 2015 Performance Measure Rates**

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change RY 2014 to RY 2015
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had their <u>height and weight</u> documented during the measurement year or the year prior to the measurement year.	0.00%*	84.72%	83.56%	-1.16
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had a <u>healthy weight for height</u> documented during the measurement year or the year prior to the measurement year (as identified by appropriate BMI).	N/A	25.53%	25.50%	-0.03
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for nutrition</u> documented during the measurement year or the year prior to the measurement year.	0.00%*	27.78%	33.79%	6.01
Preventive Care	Adult	H	BMI	The percentage of members 18–74 years of age who had an outpatient visit and who had <u>counseling for physical activity</u> documented during the measurement year or the year prior to the measurement year.	0.00%*	33.33%	32.42%	-0.91

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change RY 2014 to RY 2015
Preventive Care	Adult	A	Cholesterol Screening	The percentage of male enrollees age $\geq$ 35 years and female enrollees age $\geq$ 45 years who had an outpatient visit and had <u>LDL-C/cholesterol screening</u> in the measurement year or during the four years prior.	72.94%	80.86%	72.56%	-8.30
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	68.42%	78.49%	68.50%	-9.99
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	72.11%	82.35%	72.46%	-9.89
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of <u>both a height and weight</u> on the same date of service during the measurement year.	69.68%	79.86%	69.83%	-10.03
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–11 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	10.71%	21.62%	32.64%	11.02
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 12–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	17.76%	15.75%	27.72%	11.97
Preventive Care	Child	H	BMI	The percentage of child and adolescent members 3–17 years of age who had an outpatient visit with a PCP or OB/GYN and who had evidence of a <u>healthy weight for height</u> during the measurement year.	13.20%	19.48%	30.95%	11.47

Performance Measure Domain	Age Group	Admin/Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change RY 2014 to RY 2015
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for tobacco</u> .	51.02%	54.90%	62.33%	7.43
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening/counseling for alcohol/substances</u> .	30.61%	37.91%	38.36%	0.45
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and had <u>screening/counseling for sexual activity</u> .	18.37%	24.18%	26.71%	2.53
Preventive Care	Child	H	Adolescent Screening/Counseling	The percentage of adolescents 12–17 years of age who had a well-care/preventive visit in measurement year with a PCP or OB/GYN and who had <u>screening for depression</u> documented.	15.65%	21.57%	40.41%	18.84
Perinatal Care	N/A	H	Prenatal Screening/Counseling	The percentage of pregnant members who had evidence of <u>screening for tobacco use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	32.81%	40.96%	39.16%	-1.80
				The percentage of pregnant members who had a screening for tobacco use who were found <u>positive for tobacco use</u> .	43.65%	36.31%	35.54%	-0.77
				The percentage of pregnant members who were found positive for tobacco use and received <u>intervention for tobacco use</u> .	56.36%	59.65%	55.81%	-3.84
Perinatal Care	N/A	H	Prenatal Screening/Counseling	The percentage of pregnant members who had evidence of <u>screening for alcohol use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	29.43%	40.16%	36.57%	-3.59
				The percentage of pregnant members who had a screening for alcohol use and who were found <u>positive for alcohol use</u> .	4.42%	2.63%	3.54%	0.91

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change RY 2014 to RY 2015
				The percentage of pregnant members who were found positive for alcohol use and received <u>intervention for alcohol use.</u>	20.00%*	25.00%*	0.00%*	-25.00
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for substance/drug use</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	29.17%	36.97%	32.69%	-4.28
				The percentage of pregnant members who had <u>positive screening for substance/drug use.</u>	8.93%	9.29%	12.87%	3.58
				The percentage of pregnant members who were found positive for substance/drug use and received <u>intervention for drug/substance use.</u>	10.00%*	53.85%*	7.69%*	-46.16
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/counseling for nutrition</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	11.72%	17.82%	21.36%	3.54
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>assessment of and/or education/counseling for OTC/ prescription medication</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	18.23%	30.59%	34.30%	3.71
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for domestic violence</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	15.63%	20.48%	17.80%	-2.68
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who had evidence of <u>screening for depression</u> during one of their first two prenatal care visits or during one of their first two prenatal care visits following enrollment in the MCO.	20.83%	27.93%	24.27%	-3.66

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change RY 2014 to RY 2015
Perinatal Care	N/A	H	Prenatal Screening/ Counseling	The percentage of pregnant members who delivered a live birth between November 6 of the year prior to the measurement year and November 5 of the measurement year who had evidence of <u>screening for depression during a postpartum visit.</u>	46.72%	44.16%	36.81%	-7.35
Children with Special Health Care Needs: Access to Care and Preventive Care Services								
Preventive Care	Child – CSHCN Cohort	A	HEDIS® Annual Dental Visit	The percentage of members 2–21 years of age who had <u>at least one dental visit</u> during the measurement year.				
				SSI Total (B, BP, D, DP, K, M)	52.72%	55.60%	53.35%	-2.25
				SSI Blind (B, BP, K)	58.33%*	58.50%	48.08%	-10.42
				SSI Disabled (D, DP, M)	52.70%	55.60%	53.37%	-2.23
				Foster (P,S, X)	70.85%	74.20%	71.77%	-2.43
				CCSHCN (provider type 22 and 23)	65.96%	70.40%	69.64%	-0.76
				Total ADV (2–21 years)	58.48%	61.81%	60.09%	-1.72
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Well-Child Visits in the First 15 months of Life (6 or More Visits)	The percentage of members who turned 15 months old during the measurement year and who had <u>at least 6 well-child visits with a PCP</u> during their first 15 months of life.				
				SSI Total (B, BP, D, DP, K, M)	0.09%*	40.00%	38.35%	-1.65
				SSI Blind (B, BP, K)	N/A	100.00%*	0.00%*	-100.00
				SSI Disabled (D, DP, M)	0.09%*	39.20%	38.64%	-0.56
				Foster (P,S, X)	23.07%*	59.10%	44.51%	-14.59
				CCSHCN (provider type 22 and 23)	16.66%*	54.20%	46.77%	-7.43
				Total WC15mo	16.67%*	52.27%	43.69%	-8.58
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Well-Child Visits in the 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> & 6 <sup>th</sup> Years of Life	The percentage of members 3, 4, 5, and 6 years of age who had <u>one or more well-child visits with a PCP</u> during the measurement year.				
				SSI Total (B, BP, D, DP, K, M)	60.41%	58.00%	61.05%	3.05
				SSI Blind (B, BP, K)	50.00%*	60.00%*	50.00%*	-10.00
				SSI Disabled (D, DP, M)	60.46%	58.00%	61.11%	3.11
				Foster (P,S, X)	67.07%	67.60%	67.11%	-0.49
				CCSHCN (provider type 22 and 23)	65.96%	67.50%	68.59%	1.09
				Total WC34	63.45%	62.77%	64.51%	1.74
Preventive Care	Child - CSHCN	A	HEDIS® Adolescent	The percentage of enrolled members 12–21 years of age who had <u>at least one comprehensive well-care visit with a PCP or an OB/GYN practitioner</u> during the measurement year.				

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change RY 2014 to RY 2015
	Cohort		Well-Care Visits	SSI Total (B, BP, D, DP, K, M)	32.33%	31.70%	31.41%	-0.29
				SSI Blind (B, BP, K)	11.76%*	25.90%*	25.81%	-0.09
				SSI Disabled (D, DP, M)	32.43%	31.70%	31.43%	-0.27
				Foster (P,S, X)	54.30%	52.70%	51.78%	-0.92
				CCSHCN (provider type 22 and 23)	41.08%	41.70%	44.22%	2.52
				Total AWC	37.48%	36.97%	37.07%	0.10
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12 months – 19 years of age who had a visit with a primary care practitioner (PCP).				
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12–24 months of age who had <u>a visit with a primary care practitioner (PCP) during the measurement year.</u>				
				SSI Total (B, BP, D, DP, K, M)	96.15%	96.80%	96.62%	-0.18
				SSI Blind (B, BP, K)	100.00%*	100.00%*	100.00%*	0.00
				SSI Disabled (D, DP, M)	96.12%	96.70%	96.60%	-0.10
				Foster (P,S, X)	97.53%	95.70%	99.52%	3.82
				CCSHCN (provider type 22 and 23)	99.17%	95.60%	97.55%	1.95
				Total CAP 12–24 months	97.71%	95.94%	97.88%	1.94
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 25 months–6 years of age who had <u>a visit with a primary care practitioner (PCP) during the measurement year.</u>				
				SSI Total (B, BP, D, DP, K, M)	95.45%	94.50%	94.54%	0.04
				SSI Blind (B, BP, K)	75.00%	83.30%*	91.67%*	8.37
				SSI Disabled (D, DP, M)	95.53%	94.50%	94.56%	0.06
				Foster (P,S, X)	91.39%	90.50%	91.49%	0.99
				CCSHCN (provider type 22 and 23)	96.36%	94.30%	95.99%	1.69
				Total CAP 25 months–6 years	94.61%	93.36%	93.92%	0.56
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 7–11 years of age who had <u>a visit with a primary care practitioner (PCP) during the measurement year, or the year prior.</u>				
				SSI Total (B, BP, D, DP, K, M)	N/A	97.90%	96.18%	-1.72
				SSI Blind (B, BP, K)	N/A	100.00%*	100.00%*	0.00
				SSI Disabled (D, DP, M)	N/A	97.90%	96.16%	-1.74
				Foster (P,S, X)	N/A	94.40%	93.33%	-1.07

Performance Measure Domain	Age Group	Admin/ Hybrid	Category	Measure Definition	RY 2013 Rate	RY 2014 Rate	RY 2015 Rate	Change RY 2014 to RY 2015
				CCSHCN (provider type 22 and 23)	N/A	98.60%	98.68%	0.08
				Total CAP 7–11 years	N/A	97.09%	95.66%	-1.43
Preventive Care	Child - CSHCN Cohort	A	HEDIS® Children's Access to PCPs	The percentage of members 12–19 years of age who had a visit with a primary care practitioner (PCP) during the measurement year, or the year prior.				
				SSI Total (B, BP, D, DP, K, M)	N/A	95.50%	93.98%	-1.52
				SSI Blind (B, BP, K)	N/A	100.00%*	95.00%*	-5.00
				SSI Disabled (D, DP, M)	N/A	95.50%	93.98%	-1.52
				Foster (P, S, X)	N/A	94.00%	92.20%	-1.80
				CCSHCN (provider type 22 and 23)	N/A	97.60%	96.41%	-1.19
				Total CAP 12–19 years	N/A	95.29%	93.73%	-1.56
Utilization of Dental Services	Child	A	CMS-416 Dental Services <sup>1</sup>	This performance measure assesses the percentage of members ages <21 years, 6-9 years and 10-14 years of age who received the specified dental services.				
				Any Dental Services			47.50%	N/A
				Preventive Dental Services			42.08%	N/A
				Dental Treatment Services			21.09%	N/A
				Sealant on a Permanent Molar Tooth			5.49%	N/A
				Diagnostic Dental Services			45.10%	N/A
				Oral Health Services Provided by a Non-Dentist Provider			1.97%	N/A
				Any Dental or Oral Health Service			49.18%	N/A

N/A: not applicable (plan did not have any eligible members for this rate); H: hybrid measure; A: administrative measure; RY: reporting year; NR: MCO did not report a rate; \*: caution should be used when interpreting these rates as the denominator is <30.

<sup>1</sup> The CMS-416 Dental Services measure is a new measure for RY 2015; therefore, there are no rates reported for prior year.